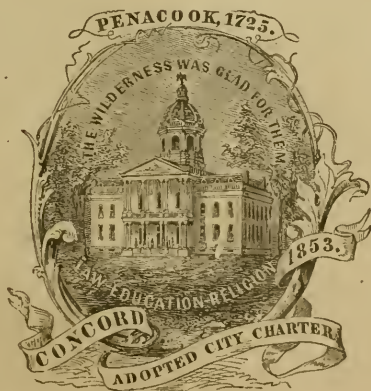


THE TWENTY-FIFTH
ANNUAL REPORT
OF THE
Receipts and Expenditures
OF THE
CITY OF CONCORD,

FOR THE FISCAL YEAR ENDING

JANUARY 31, 1878,

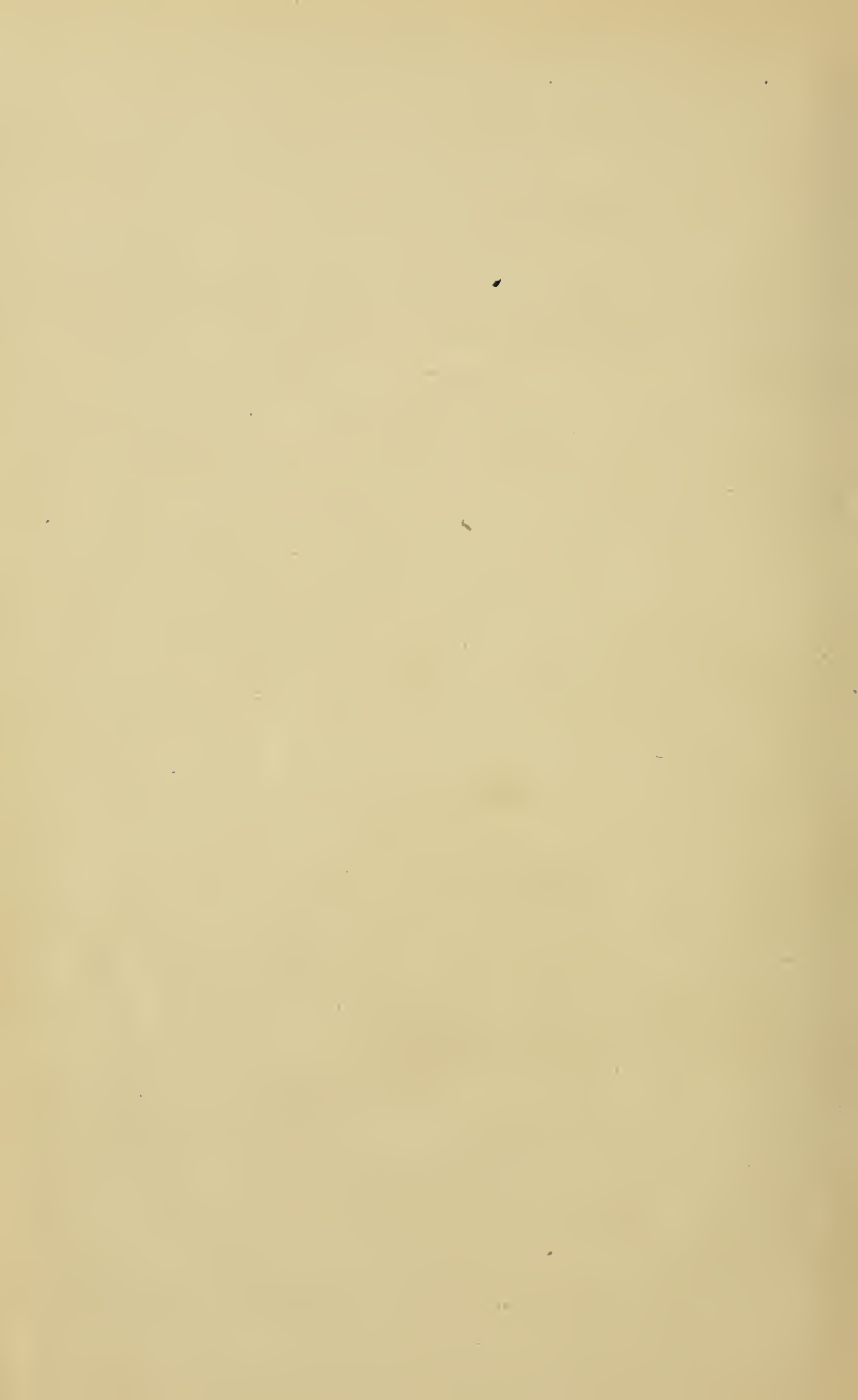
TOGETHER WITH OTHER ANNUAL REPORTS AND PAPERS
RELATING TO THE AFFAIRS OF THE CITY.



CONCORD, N. H.:

PRINTED BY THE REPUBLICAN PRESS ASSOCIATION.

1878.



University of New Hampshire
Library

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352.00
CITY
1878

MUNICIPAL REGULATIONS.

CITY CLERK'S OFFICE, }
CITY OF CONCORD, Feb. 1, 1878. }

To persons having claims against the City :

All persons furnishing materials or service for the city, or aid to city paupers, should be particular to take the name of the person ordering such service, material, or aid, and should *know* that the person is duly authorized to contract said liability.

The city will not be holden for merchandise sold or delivered on city pauper account, except on the written order of the Overseer of the Poor, and for no longer time than until his successor shall have been appointed and qualified.

Duplicate copies will be required of all bills payable by the city, furnished on county pauper account.

All bills against the city must be approved by the person authorizing the charge; and unless this is done, no action can be had upon the bill by the committee on accounts, and no order will be given for its payment.

When bills are certified to as above, and left with the city clerk before twelve o'clock of the day of meeting of the Committee on Accounts, they will be audited by them, and, if approved, be ready for payment on the Wednesday following.

Meetings of the committee are held on the Thursday next preceding the last Saturday of each month, at two o'clock P. M., which will occur the present year, Feb. 21, March 28, April 25, May 23, June 27, July 25, Aug. 29, Sept. 26, Oct. 24, Nov. 28, Dec. 26, Jan. 23, 1879, Feb. 20.

C. F. STEWART, *City Clerk.*

CITY GOVERNMENT,

CONCORD, N. H., 1877-8.

MAYOR,

GEORGE A. PILLSBURY.

BOARD OF ALDERMEN.

- Ward 1. John C. Linchan.
“ 2. John G. Tallant.
“ 3. Jehial D. Knight.
“ 4. Samuel W. Shattuck.
“ 5. Joseph A. Cochran.
“ 6. Byron G. Merrill.
“ 7. Henry Churchill.

CHARLES F. STEWART, *City Clerk*.

COMMON COUNCILMEN.

JOHN C. THORN, *President*.

- Ward 1. Frederick G. Chandler, Edward Runnels.
“ 2. John T. Tenney, John T. Batchelder.
“ 3. Stephen W. Kellom, Ira C. Phillips.
“ 4. John C. Thorn, Emory N. Shepard.
“ 5. George F. Underhill, Aram B. Smith.
“ 6. Lewis B. Hoit, Timothy Colby.
“ 7. E. A. F. Hammond, James W. Lane.

LEWIS L. MOWER, *Clerk*.

JOINT STANDING COMMITTEES.

On Finance—The Mayor; Alderman Tallant; Councilmen Hoit and Smith.

On Accounts and Claims—Alderman Churchill; Councilmen Underhill and Shepard.

On Lands and Buildings—Alderman Linehan; Councilmen Tenney and Hammond.

On Public Instruction—Alderman Cochran; Councilmen Chandler and Batchelder.

On Streets and Commons—Alderman Knight; Councilmen Colby and Lane.

On Roads and Bridges—Alderman Shattuck; Councilmen Runnels and Killom.

On Fire Department—Alderman Merrill; Councilmen Shepard and Colby.

On Lighting Streets—Alderman Shattuck; Councilmen Hoit and Lane.

On City Farm—Alderman Tallant; Councilmen Underhill and Phillips.

On Cemeteries—Alderman Linehan; Councilmen Hammond and Smith.

STANDING COMMITTEES IN BOARD OF MAYOR AND ALDERMEN.

On Elections and Returns—Alderman Cochran.

On Engrossed Ordinances—Alderman Linehan.

On Bills on Second Reading—Alderman Tallant.

On Police and Licenses—Alderman Shattuck.

On Sewers and Drains—The Mayor; Aldermen Merrill and Shattuck.

STANDING COMMITTEES IN COMMON COUNCIL.

On Elections and Returns—Councilmen Shepard, Underhill, and Tenney.

On Bills on Second Reading—Councilmen Chandler, Smith, and Runnels.

On Engrossed Ordinances—Councilmen Hoit, Hammond, and Runnels.

CITY OFFICERS.

City Clerk—C. F. Stewart. Office in City Hall building, south entrance; house, 267 Main street.

City Treasurer—Samuel C. Eastman. Office, Rumford block, Main street, up stairs.

City Solicitor—Charles P. Sanborn. Office, Sanborn's block, corner Main and Capitol streets, up stairs.

City Marshal—John Connell. Office, corner Main and Warren streets, up stairs.

Assistant Marshal—John Chadwick, Fisherville.

City Physician—Geo. W. Cook, office, Cyrus Hill block.

Assistant City Physician—Wm. H. Hosmer, Fisherville.

Collector of Taxes—Charles T. Huntoon. Office, Brown's block, Warren street, up stairs.

Police Justice—Sylvester Dana.

Special Police Justice—A. B. Thompson.

Clerk of Police Court—R. P. Staniels.

Board of Education Union School District—Elisha Adams, P. Brainard Cogswell, Henry J. Crippen, Oliver Pillsbury, Charles P. Sanborn, Warren Clark, D. C. Allen.

Overseer of the Poor for Wards 3, 4, 5, 6, and 7—C. F. Stewart.

Health Officers—John Connell, Dr. G. W. Cook, and Alderman Churchill.

Night Watch—James E. Rand, Charles H. Jones.

Messenger—R. P. Sanborn.

Assessors—Cyrus Runnels, Wm. A. Bean, Timothy Carter, Charles Woodman, Curtis White, George S. Denmett, Andrew S. Smith.

Superintending School Committee for Wards 1, 2, 3, and 7—Rev. A. Burnham, Abial Rolfe, Wm. W. Flint.

Trustees of the Public Library—Ward 1, Rev. A. W. Fiske; Ward 2, Joseph T. Clough; Ward 3, Rev. J. W. Colwell; Ward 4, Rev. F. D. Ayer; Ward 5, George E. Jenks; Ward 6, Chas. C. Lund; Ward 7, Amos Blanchard; Librarian, F. S. Crawford.

Board of Water Commissioners—Benjamin A. Kimball, term expires March 31, 1878; John M. Hill, term expires March 31, 1878; Samuel S. Kimball, term expires March 31, 1879; Luther P. Durgin, term expires March 31, 1879; John Kimball, term expires March 31, 1880; Wm. M. Chase, term expires March 31, 1880; George A. Pillsbury, *ex-officio*. President, Benjamin A. Kimball; Clerk, John M. Hill; Superintendent, V. C. Hastings. Office, White's Block.

Superintendent of Repairs of Highways and Bridges—Geo. A. Pillsbury.

Old and Blossom Hill Cemetery Committee—Charles C. Lund, Charles Woodman, James H. Chase.

East Concord Cemetery Committee—John T. Batchelder, Wm. A. Bean, and Joseph E. Plummer.

Fisherville Woodlawn Cemetery Committee—Charles C. Bean, John G. Warren, John A. Coburn.

West Concord Cemetery Committee—Chandler Eastman, Timothy Carter, Omar L. Shepard.

Engineers of the Fire Department—Chief Engineer, James N. Lauder; Assistant Engineers, N. H. Haskell, Daniel B. Newhall, C. M. Lang, Joseph S. Merrill, William D. Ladd, Moses H. Bean, Cyrus R. Robinson, Wyman W. Holden.

Steward of Central Fire Station—Eben F. Richardson.

Superintendent of Poor Farm—Lucius L. Farwell.

Police Officers—John Connell, Charles H. Jones, James E. Rand, Jacob E. Hutchins, Harrison Partridge, James M. Jones, John Chadwick.

Undertakers—For Old and Blossom Hill Cemeteries, Chas. Crow; Ward 1, Fisherville, John A. Coburn; Ward 2, East Concord, George W. Lake; Ward 3, West Concord, Simeon Partridge; Millville, William H. Carrier; Horse Hill Cemetery, George Abbott.

REPORT

OF THE

CITY TREASURER.

The City Treasurer respectfully submits his annual report of receipts and expenditures :

RECEIPTS.

Cash on hand Feb. 1, 1877,	\$2,141.67
Wm. H. Allison, taxes of 1871,	66.78
“ “ 1872,	18.18
“ “ 1873,	5.46
“ “ 1874,	19.19
“ “ 1875,	2,611.59
Interest, “ 1871,	13.48
“ “ 1872,	12.67
“ “ 1873,	75.28
“ “ 1874,	6.75
“ “ 1875,	567.04
C. T. Huntoon, taxes of 1876,	24,000.00
“ “ 1877,	143,000.00
Interest, “ 1876,	900.00
“ “ 1877,	100.00
Town of Campton, N. H., city paupers,	28.40
C. F. Stewart, “	56.30
City of Manchester, “	26.50
Town of Weare, “	110.50
“ Campton, “	132.25
Concord F. C. Society, “	24.00

Connell & Savory, incidentals,	\$150.00	
Whittemore & Kimball, incidentals,	50.00	
County of Merrimack,	11.92	
Horace Hammond,	13.50	
County of Merrimack, county paupers,	3,381.70	
“ sidewalks,	109.92	
J. E. Rand, licenses,	222.00	
Borrowed of sundry individuals,	50,200.00	
Sylvester Dana, police justice,	800.44	
Concord R. R. Cor., sewers,	176.10	
G. S. Locke,	7.56	
Abbot Downing Co.,	69.75	
B. G. Merrill,	26.04	
Geo. A. Pillsbury,	20.25	
J. C. Linehan,	34.02	
State of N. H. savings bank tax,	14,884.55	
“ railroad tax,	17,553.11	
“ literary fund,	1,022.97	
“ insurance tax,	1.87	
J. F. Hoit, fire dept.,	10.00	
Crowley & Quinn, stone quarries,	86.52	
Cyrus R. Robinson, for East Concord engine house,	500.00	
Chas. Woodman, Blossom Hill Cemetery,	44.60	
Blossom Hill Cemetery sales,	1,533.35	
West Concord “ “	96.00	
Old Cemetery “	181.00	
Geo. A. Pillsbury, City Water-Works,	23.82	
H. Churchill, sprinkling streets,	500.00	
Walker School fund, two years' inter't,	120.00	
C. T. Huntoon, roads and bridges,	259.00	
		\$266,006.03

EXPENDITURES.

Bonds paid,	\$17,000.00
City paupers,	2,100.99
County paupers,	3,036.33
County tax,	21,078.90
Committee service,	852.00
City farm,	1,057.46
Cemeteries,	1,292.20
Dog tax,	23.50

Decoration day expenses,	\$143.40	
Fire department,	9,770.13	
Highway districts,	3,839.34	
Incidental and land damages,	4,432.93	
Notes paid,	47,500.00	
Interest,	14,339.90	
Police and watch,	4,758.07	
Printing and stationery,	1,256.96	
Precinct,	12,471.92	
Public library,	1,300.00	
Professional service,	500.00	
Roads and bridges,	12,644.08	
Salaries,	5,031.58	
Superintendent of Reps. of Roads and Bridges,	9,495.07	
School-house taxes,	7,220.00	
Schools,	26,039.52	
State tax,	22,200.00	
Sewers,	18,188.51	
Fire station,	78.34	
East Concord engine house,	3,031.60	
Expenses of Presidential reception,	666.25	
Peterborough & Hillsborough Rail- road,	12,500.00	
	<hr/>	\$263,848.98
Balance cash on hand,		2,157.05
		<hr/>
		\$263,006.03

CONCORD WATER-WORKS.

RECEIPTS.

Balance cash on hand Feb. 1, 1877,	\$2,787.85	
City of Concord precinct tax,	4,500.00	
Water rents,	20,763.03	
	<hr/>	\$28,050.88

EXPENDITURES.

Interest on bonds,	\$20,754.00	
Maintenance, &c.,	6,354.33	
Balance cash on hand,	942.55	
	<hr/>	\$28,050.88

We hereby certify that we have examined the books of the city treasurer, and those of the city clerk, and find all the payments therein recorded properly authenticated by appropriate vouchers, and the several items correctly cast ; and the cash balance in the hands of the treasurer is two thousand one hundred fifty-seven dollars and five cents (\$2,157.05).

GEO. A. PILLSBURY, Mayor,
JOHN G. TALLANT,
L. B. HOIT,
A. B. SMITH,

Committee on Finance.

DETAILED STATEMENT OF EXPENDITURES
OF THE CITY OF CONCORD FOR THE YEAR END-
ING JANUARY 31, 1878.

State tax, paid State Treasurer,	\$22,200.00
County tax, paid County Treasurer,	21,078.90

PAUPER ACCOUNT.

Unexpended balance of 1876,	\$508.34	
Appropriation for 1877,	2,500.00	
Received of the town of Campton,	160.65	
" Weare,	110.50	
" city of Manchester,	26.50	
" Concord F. C. Society,	24.00	
" county of Merrimack, for support of paupers for		
1876,	2,683.94	
Received of C. F. Stewart,	56.30	
	<hr style="width: 50%; margin-left: 0;"/>	\$6,070.23

CITY PAUPERS.

Paid as follows:

Geo. C. Bean,	\$5.00
A. Leavens, rent,	21.50
Wm. L. Buswell,	5.00
H. F. Campbell, wood,	375.31
Timothy Dorety,	10.00
John Whitaker,	2.40
John Chadwick,	3.50

J. W. Wilson, M. D.,	\$16.50
Frank Marden,	3.50
M. W. Bussell,	2.50
Manley E. Clough, wood,	6.50
Geo. B. Whittredge,	19.00
Geo. S. Locke & Co.,	19.50
E. D. Clough,	3.00
City Water-works,	6.00
John Harrington,	152.03
Timothy Carter,	19.50
J. W. Edgerly & Co.,	37.00
L. L. Farwell,	100.00
N. H. Asylum,	670.07
Chas. Crow, undertaker,	49.00
W. S. Blanchard,	30.00
H. S. Pickard,	1.50
Lyman Merrill,	34.00
Dr. G. P. Conn,	7.50
John G. Tallant,	5.40
C. E. Ballard,	8.00
J. C. Linehan,	3.43
Currier & Larkin,	32.00
John Chadwick,	6.50
Timothy E. Hoit,	19.50
State Reform School,	5.14
Chas. H. Johnson,	12.00
John H. Hill,	5.00
Dr. Geo. W. Cook,	2.00
C. C. Webster & Co.,	6.00
Dr. C. C. Topliff,	3.50
Thurber & Hastings,	6.50
J. C. Linehan,	22.50
Timothy E. Hoit,	19.50
City Water-works,	3.00
Geo. B. Whittredge,	8.00
Geo. S. Locke & Co.,	7.00
J. C. Linehan,	20.00
J. W. Edgerly,	12.00
Mrs. H. L. Chandler,	5.00
C. Thorn & Son,	6.00
J. O. Sanborn & Son,	4.00
John Chadwick,	3.50
Currier & Larkin,	71.00

Eastman & Fitch,	\$7.86
Mrs. H. L. Chandler,	4.00
C. E. Ballard,	10.00
T. E. Hoit,	19.50
John Chadwick,	3.35
John G. Tallant,	16.00
Currier & Larkin,	23.00
Lyman Merrill,	60.00
J. W. Edgerly,	30.00
J. Frank Hoit,	8.00
Geo. B. Whittredge,	15.00
Mrs. John F. Burke,	8.00
	<hr/>
	\$2,100.99

COUNTY PAUPERS.

EXPENDITURES.

Paid as follows :

G. S. Locke & Co.,	\$3.50
Mrs. E. N. Clinton,	8.00
S. L. French,	8.00
Carter Bros.,	5.00
John Whitaker,	6.00
Chas. Crow, undertaker,	23.00
Geo. F. Bean,	83.50
James H. Eastman,	6.00
Savage Bros.,	5.00
Geo. B. Whittredge,	6.00
Concord Railroad,	7.75
Perkins, Dudley & Co.,	8.00
John Whitaker,	22.00
D. S. Webster,	3.50
Manley E. Clough, wood,	9.75
Geo. B. Whittredge,	7.00
Geo. S. Locke & Co., wood,	26.00
John C. Linehan,	32.00
Geo. S. Locke & Co., wood,	3.25
Mrs. Richard Cooper,	20.00
J. L. Mason, rent,	13.50
E. D. Clough & Co.,	6.00
City Water-works,	3.00

A. C. Carter,	\$13.00
Chas. Dudley,	26.00
J. W. Edgerly & Co.,	28.00
Mrs. Nancy Dorety,	12.00
C. Thorn & Son,	12.00
Mrs. Nancy Pearson,	19.50
James H. Eastman,	12.00
H. C. Sturtevant,	14.00
Savage Bros.,	20.00
S. L. French,	20.89
H. C. Sturtevant,	13.00
Wm. C. Powell,	13.00
Concord Railroad,	3.25
Philip Welcome,	13.00
Geo. W. Cook, city physician,	21 00
Lyman Merrill,	11.25
Carter Bros.,	3.00
G. P. Conn, city physician, 1876,	104.25
M. E. Clough, wood,	5.00
Chas. P. Virgin, rent,	32.00
Mrs. Richard Cooper,	18.00
C. E. Ballard,	23.00
Geo. W. Abbott,	9.00
Mrs. Anna Holland,	13.00
Phebe Larabee,	5.00
John C. Linehan,	41.15
G. W. Cook, city physician,	23.00
Harvey Knight, M. D.,	14.50
Currier & Larkin,	20.62
Peter Gahagan,	9.00
J. L. Mason, rent,	13.50
Savage Bros.,	4.50
Ellen Gerry,	1.50
G. W. Abbott,	6.00
Chas. Dudley,	26.00
John C. Linehan,	21.15
Eastman & Shepard,	52.00
S. L. Foster,	21.46
Mrs. Nancy Dorety,	12.00
Mrs. Phebe Larabee,	5.00
Mrs. James Eastman,	20.57
Philip Welcome,	13 00
Nancy Pearson,	19.50

L. L. Farwell,	\$180.00
J. W. Edgerly,	18.00
David A. Macurdy,	8.00
Abby Livingston,	6.00
A. C. Carter,	13.00
Mrs. Anna Holland,	13.00
Concord Railroad,	3.30
Mrs. Richard Cooper,	24.00
Gardner K. Knowles,	65.00
E. D. Clough & Co.,	2.00
John C. Linehan,	13.50
Wm. C. Powell,	13.00
D. S. Webster,	7.00
Geo. W. Cook, city physician,	22.50
Dr. Harvey Knight,	14.25
Chas. P. Virgin,	20.00
C. C. Webster & Co.,	15.00
Brown & Foote,	32.00
"	7.00
Peter Gahagan,	9.00
John C. Linehan,	26.00
Dimond Shaw,	20.00
Joseph A. Ashley,	6.50
James L. Mason, rent,	13.50
Wm. H. Hosmer, assistant city physician,	91.05
Edwin L. Sargent,	1.00
John Chadwick,	4.00
S. L. French,	30.03
Phebe Larabee,	16.25
Nancy Dorety,	12.00
Mrs. J. H. Eastman,	19.50
Chas. Dudley,	26.00
Nancy Pearson,	19.50
City Water-works,	6.00
Philip Welcome,	13.00
Concord Railroad,	5.95
Anna Holland,	13.00
A. C. Carter,	13.00
Mrs. Richard Cooper,	20.00
L. L. Farwell,	156.00
Mrs. A. Livingston,	13.00
M. Moore,	6.00
Geo. S. Locke & Co.,	1.75

J. C. Linehan,	\$16.00
Concord Railroad,	6.40
Mrs. J. Cawley,	7.50
Mrs. David Blackstone,	3.00
J. W. Edgerly,	13.00
Blanchard & Crapo,	3.00
D. Sullivan,	10.00
Savage Brothers,	10.00
W. S. Blanchard,	3.00
G. K. Knowles,	45.00
Joshua S. Griffin,	6.00
Geo. W. Cook, city physician,	21.00
Currier & Larkin,	24.18
Peter Gahagan,	18.00
C. Thorn & Son,	47.12
Mrs. W. C. Powell,	13.00
Dr. Harvey Knight,	9.50
Eastman & Fitch,	32.18
John McNeil & Co.,	12.00
Andrew Kenan,	4.50
Mrs. John Cawley,	4.50
Mrs. Daniel Blackstone,	5.00
Mrs. Richard Cooper,	24.00
James L. Mason, rent,	13.50
Northern Railroad,	5.25
Chas. W. Merrill,	1.00
C. E. Ballard,	17.00
Eastman & Shepard,	52.00
J. H. Lyster,	12.00
S. W. Shattuck,	12.00
Savage Bros.,	3.00
C. E. Ballard,	3.00
Lyman Merrill,	11.00
Currier & Larkin,	23.00
Woodworth, Dodge & Co.,	2.00
J. W. Edgerly,	13.00
Brown & Foote,	10.00
Currier & Larkin,	3.00
Nancy Dorety,	12.00
Geo. W. Cook, city physician,	27.00
“ “	9.00
Mrs. Chas. Dudley,	26.00
Lyman Merrill,	3.00

Calvin Thorn & Son,	\$3.75	
C. C. Webster & Co.,	7.50	
John Connell,	4.90	
Geo. B. Whittredge,	3.00	
J. Frank Hoit,	23.77	
Franklin Evans,	66.50	
Mrs. Wm. C. Powell,	10.28	
Mrs. Nancy Pearson,	19.50	
Anna Holland,	13.00	
Dennis Sullivan,	20.00	
R. D. Morgan,	9.00	
Mrs. James Eastman,	19.50	
Underhill & Kittredge,	2.55	
Chas. Crow,	39.00	
S. L. French,	26.28	
A. C. Carter,	13.00	
Mrs. Phebe Larabee,	16.25	
Chas. B. Virgin,	20.00	
	<hr/>	
Amount for county paupers,	\$3,036.33	
“ city paupers,	2,100.99	
	<hr/>	\$5,137.32
		<hr/>
Balance unexpended,		\$932.91

FIRE DEPARTMENT.

Balance of appropriation 1876, unex-		
pended,	\$545.48	
Appropriation, 1877,	10,000.00	
J. Frank Hoit, cash for coal stove,	10.00	
	<hr/>	\$10,555.48

Paid as follows :

J. P. Leavitt, hay,	\$21.11
Joel D. Weller,	5.40
Lewis A. Wright, teamster,	50.00
E. L. Sargent,	17.00
E. F. Richardson, steward,	150.00
L. A. Wright, teamster,	50.00
Samuel D. Trussell, blacksmith,	11.71
Daniel Wyman, hay,	23.56

Concord Gas-Light Co., gas,	\$65.40
Manley E. Clough, wood,	7.25
D. W. Long & Co.,	41.80
Underhill & Kittredge, horse medicines,	22.21
D. Arthur Brown,	20.55
City Water-Works, water,	26.00
John H. Morse,	6.89
Moses H. Bean,	12.13
L. A. Wright, teamster,	50.00
Cyrus Marden, straw,	11.90
City Water-Works, water,	3.00
Samuel Eastman & Co., for hose,	1,381.44
Upton & Upham,	4.75
Mrs. J. S. Bean,	1.80
L. A. Wright, teamster,	45.00
M. E. Clough, wood,	11.00
M. Critchett & Son,	3.56
Lewis A. Wright, teamster,	45.00
Concord Gas-Light Co.,	33.30
Northern Railroad,	6.30
C. T. Huntoon, pay-master F. Dep't,	2,421.15
J. H. Toof,	1.50
John H. Morse, windlass, rope, &c.,	30.75
E. F. Richardson, steward,	200.00
Lewis A. Wright, teamster,	45.00
C. H. Norton & Son, hay,	58.39
D. Arthur Brown & Co.,	8.88
E. E. Rolfe,	17.62
Good Will Hose Co.,	25.00
L. A. Wright, teamster,	45.00
Samuel D. Trussell, blacksmithing,	30.40
Concord Gas-Light Co., gas,	25.20
Underhill & Kittredge, horse medicine,	10.95
L. A. Wright, teamster,	45.00
Moses Critchett, hay,	114.48
S. E. Clifford,	22.27
Concord Railroad Cor.,	8.20
Lewis A. Wright, teamster,	45.00
E. F. Richardson, steward,	150.00
City Water-Works,	32.00
J. F. Cotton, hay,	11.55
Concord Brass Band, parade,	40.00

Northern Railroad,	\$1.70	
A. & G. A. Foster,	10.00	
Ranlet & Prescott, coal,	70.00	
A. Smart,	3.00	
Benj. French, firemen's supper,	150.00	
L. A. Wright, teamster,	45.00	
L. L. Farwell, straw,	14.68	
Ira Foster, use of horse,	6.50	
Joseph Smith, Bangor extension		
ladder,	200.00	
M. E. Clough, wood,	3.50	
Concord Gas-Light Co., gas,	65.64	
Geo. Goodhue, plumbing Central		
Fire Station,	387.50	
Lewis A. Wright, teamster,	45.00	
C. M. & A. W. Rolfe,	3.87	
Isaac Baty,	13.50	
Edward Carroll,	1.25	
Northern Railroad Co., steam boiler,	491.04	
Underhill & Kittredge, horse medicine,	12.77	
C. T. Huntoon, paymaster F. Dep't,	2,422.65	
Griggs Bros.,	4.50	
James R. Hill & Co., horse blankets, &c.,	25.00	
Ford & Kimball,	7.25	
E. F. Richardson, steward,	150.00	
Lewis A. Wright, teamster, two bills,	58.00	
Underhill & Kittredge,	3.38	
	<hr/>	\$9,712.13
Balance unexpended,		<hr/> \$843.35

INCIDENTALS AND LAND DAMAGES.

Feb. 1. Balance of appropriation of		
1876,	\$1,750.46	
Appropriation for 1877,	6,000.00	
County of Merrimack,	11.92	
Horace Hammond, grass,	13.50	
Connell & Savory, rent of paint shop,	75.00	
Appropriation for settees, East Concord		
engine-house,	100.00	
Received for licenses,	222.00	
	<hr/>	\$8,172.88

Paid as follows :

A. H. Wiggin,	\$4.00
Simeon Partridge, repairs West Concord cemetery,	45.85
Stanley & Ayer, care of clock, Board of Trade Building, 1876,	52.00
W. H. Patch,	5.85
Dr. Cook, return of births and deaths,	1.00
M. F. Bickford, damage,	11.25
H. E. Chamberlain, damage,	6.00
James E. Larkin, rent of Rumford hall,	25.00
S. W. Shattuck,	7.50
W. W. Hazelton,	5.62
Geo. A. Cuninghame,	6.00
Concord Railroad,	48.78
Morrison R. Vincent,	45.72
W. H. Darrah,	4.04
Concord Gas-Light Co.,	53.70
Geo. S. Locke & Co.,	4.50
H. H. Aldrich, settees for engine-house, West Concord,	40.00
Frank Low, rent of hall,	22.00
F. A. Stillings, M. D., return of births and deaths,	7.25
Comstock & Cline, state atlas,	12.00
City Water-Works,	29.00
S. & S. C. Eastman, insurance,	189.25
Hiram Stevens, damage,	5.00
Geo. A. Pillsbury, use of horse, and cash paid out, 1876,	160.53
J. H. Morse, plumbing,	55.00
Dr. G. P. Conn, post-mortem examination,	15.00
Edward Shanks, damage,	30.00
Edward R. Noyes, “	8.50
Humphrey, Dodge & Co.,	2.25
Drs. Gage & Conn, return of births and deaths,	14.50
Dr. M. W. Russell, return of births and deaths,	6.00
C. A. G. Winther, city seal,	15.00
S. W. Morrill, work on fountain, state house yard,	32.00

R. P. Sanborn, janitor,	\$190.56
Ozen Heard,	7.50
Daniel A. Hill, repairing settees,	16.25
E. B. Hutchinson,	18.57
W. C. Elkins & Co., eaves-trough,	5.20
Hammond & Ayers, cane matting, &c.,	28.89
C. F. Stewart, cash paid out,	45.47
O. C. Cole, labor and paint, city offices,	38.85
John E. Frye, painting East Concord cemetery fence,	98.78
John H. Morse, work on fountain, state house yard,	33.75
Concord Gas-Light Co., gas,	107.80
I. P. Baker, drawing sand and stone,	2.00
J. E. Sewell, trucking,	1.00
R. P. Staniels, insurance,	108.37
Whittemore & Kimball,	1.00
Francis F. Hoit, land,	25.00
I. W. Hill, ringing bell July 4th,	2.50
John Chadwick, “	1.00
A. & G. A. Foster,	49.00
Geo. Goodhue, for drinking fountain,	40.00
Miller & Sanborn,	5.62
Humphrey, Dodge & Co.,	3.08
Ordway & Ferrin, labor and stock, city offices,	24.00
C. F. Batchelder, safe, collector's office,	100.00
L. W. Gelyson, ringing bell,	1.50
John W. Drew, land for fire station,	112.00
J. W. Blaisdell, soft coal,	.90
Elbridge Emery, posts,	6.90
James E. Ranlett, umbrella-stand,	4.00
J. C. Martin, abatement of poll tax,	1.29
C. F. Batchelder, posting bills,	2.85
W. H. H. Patch, ringing bell,	2.00
N. E. Martin, premium on hawks,	.40
Morrill & Danforth, insurance,	125.00
Dr. W. S. Collins,	.75
J. C. Linehan,	1.90
Captain W. Badger, land damage,	400.00
G. S. Locke & Co., coal,	35.00
Flanders, White & Houston,	2.00
Geo. A. Pillsbury, cash paid out,	6.00

Humphrey, Dodge & Co.,	\$2.90
John B. Giles, damages,	200.00
W. C. Elkins,	9.00
Frank Adams, damages,	468.50
Geo. Goodhue, laying pipe at Cooper's and Lamprey's,	26.15
Geo. F. Whittredge, ward-room,	27.00
B. E. Badger, surveying,	69.37
J. L. Pickering, executions <i>vs.</i> city,	33.83
A. Bunker, repairing blinds,	2.25
Gust Walker, hardware and tools,	54.30
Greenough & Co., city directories,	4.50
C. C. Lund,	12.50
Wm. Warde,	2.50
Chas. W. Clark, repairing sidewalk,	75.00
B. F. Gale, perambulation town lines,	51.25
L. Jackman & Co., insurance,	15.00
Nicholas Giles, land damage,	5.00
Miller & Sanborn,	5.28
E. B. Hutchinson, planing and matching boards,	18.77
Josiah Cooper, labor,	5.00
E. B. Hutchinson, boards and labor,	13.44
Vogler Bros., chairs and settees, East Con- cord engine-house,	190.00
B. W. Sanborn & Co., school-books,	80.00
A. & G. A. Foster, teams,	17.00
First National Bank, office rent,	137.50
S. W. Shattuck,	17.50
C. H. Norton & Son, teams,	14.00
Geo. S. Locke & Co.,	2.00
John Bartlett, land damage,	25.00
Connell & Savory, repairs on shop,	34.35
E. C. Eastman, school-books,	5.73
D. L. Guernsey, “	9.54
C. T. Huntoon, collector, office rent, &c.,	171.95
Transferred to account of roads and bridges,	1,500.00
Transferred to account of highway dis- tricts,	2,239.95
	<hr/> \$8,172.88

ROADS AND BRIDGES.

Unexpended balance of appropriation of 1876,	\$606.68	
Appropriation for 1877,	12,000.00	
Transferred from account of incidental and land damage,	1,500.00	
Received of Geo. A. Pillsbury, for lumber sold,	23.82	
Received of county of Merrimack, on account of sidewalks,	109.92	
	<hr/>	\$14,240.42

Paid as follows :

J. A. Dadmun,	\$1.00
Ford & Kimball,	160.38
James Moore & Son,	9.37
Rufus Virgin, watering-trough, 1876,	3.00
A. G. Jones, " "	3.00
T. O. Wilson, sharpening tools,	14.89
Mrs. Mary Pecker, watering-trough,	3.00
Samuel D. Trussell, blacksmithing,	12.60
City Water-Works, water for public troughs,	30.00
John H. Morse, pipe and labor,	26.51
Wm. Tupper, lighting bridge,	26.00
Humphrey, Dodge & Co., hardware,	11.00
John Genty, lighting bridge,	14.80
C. C. Lund, engineering,	26.75
Thompson Rowell, concrete,	432.25
Chas. C. Lund, surveying,	6.00
Wm. Tupper, lighting bridge,	13.00
Robt. Hall, work on highway,	7.00
J. J. T. Batchelder, labor,	4.48
Geo. W. Lake, culvert,	75.00
Geo. W. Emerton, edge-stone,	11.20
Geo. F. Sanborn, labor,	58.25
Geo. W. Lake, culvert,	75.00
M. H. Johnson and others, pay-roll,	1,533.40
Samuel C. Clifford, paving-stone,	133.75
John Flagg, labor on Bog road,	62.50
Samuel Farnum, paving-stone,	173.75
Porter E. Blanchard, paving-stone,	560.00

M. H. Johnson, pay-roll,	\$1,358.42
T. Rowell & Co., concrete,	640.93
S. & A. Q. Farnum, lumber,	25.50
Chas. C. Lund, surveying,	6.37
Hazen K. Farnum, building bridge,	100.00
Calvin L. Tandy, stone-work,	40.00
James H. Eastman, drawing stone,	48.00
Chas. T. Huntoon, paving-stone,	43.75
A. & G. A. Foster, edge-stone,	7.50
Donagan & Davis, watering-trough, South end,	60.00
Geo. W. Emerton, edge-stone,	27.37
J. G. Brockway, plank,	47.35
H. W. Clapp, catch basins,	1,390.48
Dutton Woods, bridge,	132.58
Wm. Tupper, lighting bridge,	13.00
D. S. Webster, teaming,	37.00
City Water-Works, water,	46.00
Humphrey, Dodge & Co., tools,	43.06
Al Smith, watering-trough, 1877,	3.00
W. S. Henay & Son, guide-boards,	14.08
Moses Brown, labor,	3.00
A. B. Holt, gravel lot,	1,000.00
S. Holt, brick,	645.60
T. Rowell & Co., concrete,	574.47
Crowley & Quinn, paving-stone,	93.75
Geo. W. Emerton, edge-stone,	55.18
E. S. Reed, paving-stone,	36.25
E. S. Nutter, edge-stone and labor,	12.20
G. N. Smart, guide-boards,	17.40
J. P. Leavitt, posts,	2.25
Woodworth, Dodge & Co., cement,	290.33
Geo. F. Sanborn, grading at outlet,	217.34
John T. Tenney,	1.50
C. C. Lund, surveying,	23.00
Thompson Rowell & Co., concrete,	600.00
H. H. Amsden & Sons, bridge plank,	71.31
Geo. F. Sanborn, labor,	17.00
Wm. K. Holt & Co., plank,	27.78
Andrew Foley, building road,	28.75
Crowley & Quinn, edge-stone,	6.00
Smith & Derry, blacksmithing,	19.49
F. W. Burnham, edge-stone,	24.97

L. D. Bunnell & Son, sawing posts,	\$3.00	
C. M. & A. W. Rolfe, watering-trough,	3.00	
Thompson Rowell & Co., concrete,	622.40	
Savage Bros., oil, matches, and wicks,	7.75	
John D. Fife, lighting bridge,	7.58	
F. G. Chandler, setting stone bounds,	8.75	
John D. Fife, lighting bridge,	8.33	
G. W. Brown, culvert, &c.,	80.00	
E. A. F. Hammond, lighting bridge,	39.00	
B. G. Carter, blacksmithing,	101.70	
Daniel O'Connell, labor on roads,	14.37	
James Davis, edge-stone,	1.80	
Wm. Tupper, lighting bridge,	13.00	
Humphrey, Dodge & Co., sundries,	16.64	
Geo. Goodhue, lead pipe,	1.90	
Wm. P. Ford & Co.,	11.94	
Gust Walker, sewer pipe, shovels, nails, &c.,	17.23	
Ford & Kimball, castings,	71.92	
F. W. Smith, edge-stone,	7.50	
Concord Carriage Co., repairs,	49.08	
C. H. Martin & Co., oil, &c.,	8.05	
City Water-Works, water for watering sts.,	200.00	
R. N. Morgan, edge-stone,	9.30	
Transferred from sewers and drains,	863.73	
	<hr/>	\$13,507.81
Balance unexpended,		732.61
		<hr/>
		\$14,240.42

POLICE AND WATCH.

Unexpended balance of 1876,	\$147.09	
Appropriation for 1877,	3,900.00	
Received of S. Dana, police justice,	800.44	
	<hr/>	\$4,847.53

Paid as follows :

Ranlet & Prescott, coal,	\$18.90
John Connell, salary,	900.00
John Connell,	37.89
J. E. Rand,	800.03
C. H. Jones,	800.03

Seth K. Jones, rent,	\$200.00	
John Chadwick,	396.69	
Concord Gas-Light Co., gas,	101.70	
Geo. W. Locke,	9.00	
City Water-Works,	6.00	
Ranlet & Prescott, coal,	56.08	
S. W. Shattuck,	61.00	
R. P. Staniels, clerk of police court,	200.00	
A. & G. A. Foster, horse hire,	145.75	
Humphrey, Dodge & Co.,	4.50	
Flanders, White & Houston,	4.50	
E. A. F. Hammond, special police,	172.00	
Geo. W. Corey,	7.40	
Robt. Crowther,	15.80	
C. P. Haines,	8.33	
Evans & Gale,	19.47	
C. T. Lane,	32.00	
S. Dana, salary,	600.00	
John Connell, pay-roll special police officers,	161.00	
	<hr/>	\$4,758.07
Balance unexpended,		89.46
		<hr/>
		\$4,847.53

COMMITTEE SERVICE.

Unexpended balance of 1876,	\$102.00	
Appropriation for 1877,	900.00	
	<hr/>	\$1,002.00

Paid as follows :

John G. Tallant,	60.00
A. J. Holmes,	60.00
Samuel W. Shattuck,	60.00
Byron G. Merrill,	60.00
Chas. H. Merrill,	30.00
Geo. H. Hill,	30.00
Geo. A. Foster,	30.00
Henry Churchill,	30.00
John Whitaker,	60.00
Geo. A. Cummings,	60.00
John C. Thorn,	12.00

John T. Tenney,	\$30.00	
Benj. F. Putney,	30.00	
John C. Thorn,	30.00	
Andrew P. Bennett,	30.00	
Frank G. Chandler,	30.00	
C. C. Webster,	30.00	
Lewis B. Hoit,	30.00	
Wm. Stevenson,	30.00	
Isaac N. Abbott,	60.00	
Elbridge Emery,	30.00	
Geo. F. Underhill,	30.00	
	<hr/>	\$852.00
Balance unexpended,		150.00
		<hr/>
		\$1,002.00

PROFESSIONAL SERVICE.

Unexpended balance of 1876,	\$470 00	
Appropriation for 1877,	500.00	
	<hr/>	970.00
Paid as follows :		
Sanborn & Clark,	\$300.00	
“	200.00	
	<hr/>	\$500.00
Balance unexpended,		470.00
		<hr/>
		\$970.00

PRINTING AND STATIONERY.

Appropriation, 1877,	\$1,600.00
Paid :	
Rep. Press Ass'n,	\$59.25
C. T. Huntoon,	86.30
Ira C. Phillips,	5.00
Woodbury & Batchelder,	70.02
Chas. C. Pearson & Co.,	53.50
Rep. Press Ass'n,	734.40
E. C. Bailey,	95.60
B. W. Sanborn & Co.,	5.75

E. C. Eastman,	\$6.00	
Morrill & Silsby,	141.14	
	<hr/>	\$1,256.96
Balance unexpended,		343.04
		<hr/>
		\$1,600.00

PUBLIC LIBRARY.

Appropriation, 1877,	\$1,000.00	
July 28, additional appropriation, 1877,	300.00	
	<hr/>	\$1,300.00

Paid :

Board of Trade Building, rent,	\$300.00	
F. S. Crawford, librarian,	1,000.00	
	<hr/>	\$1,300.00

DOG TAX.

For 1877,	618.00
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Paid :

Wm. B. Thompson,	\$3.00	
Geo. W. Flanders,	10.00	
Kingley H. Batchelder,	2.00	
Geo. E. Merrill,	5.00	
Isaac N. Abbott,	3.50	
	<hr/>	\$23.50

SALARIES.

Balance unexpended, 1876,	\$582.50	
Appropriation, 1877,	5,500.00	
	<hr/>	\$6,082.50

Paid as follows :

L. L. Mower, clerk of common council,	\$50.00
Geo. A. Pillsbury, mayor, 1876,	500.00
S. C. Eastman, treasurer, 1876,	400.00
Chas. P. Sanborn, solicitor,	100.00
C. F. Stewart, salary city clerk,	800.00
C. F. Stewart, overseer of poor,	125.00

Ira C. Phillips,	\$5.00
Chas. L. Rowe,	5.00
Aram B. Smith,	5.00
A. L. Marden,	5.00
Warren Clark, sec'y Board of Education,	225.00
Abial Rolfe,	36.66
“	27.00
Harrison Partridge,	18.00
John N. Hill,	5.00
Wm. Shackford,	5.00
N. H. Shattuck,	5.00
Jacob E. Hutchins,	5.00
Rev. A. Burnham,	56.67
Wm. W. Flint,	56.67
Edward R. Noyes,	5.00
Chas. H. Jones,	5.00
Henry A. Mann,	5.00
Eben H. Houston,	5.00
Geo. O. Dickerman,	5.00
Wm. W. Critchett,	5.00
Geo. W. Curtis,	5.00
Chas. C. Lund,	5.00
Chas. H. Peacock,	5.00
Geo. B. Whittredge,	5.00
W. H. Kenney,	5.00
Geo. S. Locke,	5.00
W. S. Prescott,	5.00
Geo. A. Pillsbury, salary as sup't,	300.00
Stephen F. Abbott,	5.00
Geo. N. Dutton,	5.00
Geo. W. Corey,	5.00
Jeremiah P. Boyce,	5.00
Timothy Carter, assessor,	54.00
Cyrus Runnels, “	75.00
Curtis White, “	196.50
Chas. Woodman, “	105.00
Geo. S. Dennett, “	165.00
Wm. A. Bean, “	81.00
J. B. Weeks, “	108.00
Abial Rolfe,	20.00
Wm. H. Allison,	94.08
James L. Quinn,	5.00
Cyrus Runnels,	3.00

F. G. Cummings,	\$5.00	
C. T. Huntton,	400 00	
“	900.00	
	<hr/>	\$5,031.58
Balance undrawn,		1,050.92
		<hr/>
		\$6,082.50

SCHOOLS.

Appropriation, 1877,	\$16,500.00	
“ Union district, additional,	8,025.00	
“ additional, for superintendent,	1,000.00	
“ Dist. No. 3, additional,	200.00	
“ literary fund,	1,022.97	
“ interest on A. Walker legacy,	60.00	
	<hr/>	\$26,807.97

Paid as follows :

Robert B. Hoit, Committee, Dist. No. 1,	\$166.46	
Jerry F. Sanborn, “	2, 143.96	
Harrison Partridge, “	3, 396.32	
bal. 1876,		
Harrison Partridge, “	3, 500.00	
1877,		
Gilman H. Dimond, “	4, 108.46	
Chas. H. Merrill, “	5, 100.96	
Lowell Brown, “	6, 100.96	
Frank G. Proctor, “	7, 156.28	
John Hargate, “	8, 152.96	
P. B. Cogswell, “ Union Dist.,	21, 136.38	
Samuel E. Clifford, “ Dist. No. 12,		
bal. 1876,		250.64
J. E. Plummer, “	12, 462.92	
1877,		
Hugh Tallant, “	13, 100.32	
bal. 1876,		
Frank P. Tallant, “	13, 144.00	
1877,		
John Buckland, “	14, 112.96	

Wm. L. Batchelder, Com., Dist. No. 15,	\$104.96	
Chas. E. Thompson, “	16,	78.40
Samuel S. Buswell, “	18,	
bal. 1876,		35.16
Wm. W. Clark, “	18,	
1877,		251.23
Chas. H. Sanders, “	20, 1,	330.46
E. N. Hillsgrove, “	22,	147.46
N. C. Weeks, “	24,	58.27
		<hr/>
		\$26,039.52
Balance undrawn,		768.45
		<hr/>
		\$26,807.97

SPECIAL APPROPRIATION.

SCHOOL-HOUSE TAX.

Union School District, for payment	
of debt and interest,	\$6,100.00
District No. 4, for repairs,	50.00
“ 12, for repairs,	70.00
“ 20, for a new school-house,	1,000.00
	<hr/>
	\$7,220.00

Paid as follows :

Augustus C. Carter, Committee Dist. No. 4,	\$50.00	
Samuel E. Clifford, “	“	12, 70.00
David Putman, “	“	20,
		1,000.00
John Kimball, “ Union Dist.,	6,100.00	
	<hr/>	\$7,220.00

CEMETERIES—OLD AND BLOSSOM HILL.

RECEIPTS.

Received of

John C. Shepard, West Concord,	\$3.00
Wm. M. Chase, Blossom hill,	90.00
Wm. Yeaton, Blossom hill,	67.50
Mrs. Ephraim Hutchins, Blossom hill,	120.00
Mrs. P. P. & Eliza Bixby, Blossom hill,	48.75

John M. Smith, Blossom hill,	\$30.00
Henry W. Ranlet, Blossom hill,	48.00
Luther P. Durgin & Sons, Blossom hill,	39.00
E. L. Richardson, Blossom hill,	30.00
Abijah Hollis, West Concord,	10.00
Mrs. McKay,	2.00
Sophronia Bradbury, Blossom hill,	45.00
Joseph A. Cochran, Blossom hill,	67.50
Samuel Wallace, Blossom hill,	36.00
Frank A. Fiske, West Concord,	6.00
Frank H. Prentiss, Blossom hill,	36.00
Martin C. Derby, Blossom hill,	10.50
Samuel Abbott, Blossom hill,	45.00
Lucius F. Grove, Blossom hill,	28.80
Elijah Knight, Blossom hill,	28.80
Geo. H. Adams, Blossom hill,	75.00
H. E. Richardson, Blossom hill,	24.00
Joseph Wentworth, Blossom hill,	117.00
Fred A. Pinkham, Blossom hill,	36.00
Jeremiah S. Noyes,	45.00
Heirs of Newell C. Ladd, Blossom hill,	120.00
Fred French, Blossom hill,	10.50
Abel Lamprey, Jr., Blossom hill,	30.00
C. & L. A. Noyes, and M. T. & M. E. Hodge, Blossom hill,	27.00
Old cemetery, N. G. division,	5.00
Lydia B. Holt, Old cemetery, N. G. division,	24.00
Luther P. Durgin & Sons, Old ceme- tery, N. G. division,	39.00
J. J. & Eliza Burke, Old cemetery, N. G. division,	10.50
J. S. R. & M. J. Simpson, Old ceme- tery, N. G. division,	36.00
Samuel Abbott,	76.50
Chas. Woodman, for use of horse, wood and grass sold,	44.60
J. F. Cotton,	90.00
O. L. Shepard, cemetery committec, West Concord,	26.00
	<hr/> \$1,627.95

EXPENDITURES.

Charles Woodman,	\$165.19	
“	26.76	
Geo. W. Emerton,	142.33	
Chas. Woodman,	236.29	
John H. Morse,	1.60	
W. H. Henay & Son,	6.50	
Chas. Woodman,	165.31	
“	26.48	
“	128.73	
“	197.42	
“	20.61	
“	110.74	
City Water-Works,	16.00	
Chas. Woodman,	31.74	
“	16.50	
	<hr/>	\$1,292.20
Balance of receipts over expenditures,		335.75
		<hr/>
		\$1,627.95

CENTRAL FIRE STATION.

Paid Ford & Kimball, bill 1876,	\$49.87	
John H. Morse, bill 1876,	28.47	
	<hr/>	\$78.34

REPORT

OF THE

SUPERINTENDENT OF REPAIRS OF HIGHWAYS AND BRIDGES.

To the City Council:

The undersigned, superintendent of repairs of highways and bridges, herewith respectfully presents a statement of the receipts and expenditures in each highway district within the city, from Feb. 1, 1877, to Jan. 31, 1878—districts Nos. 9, 26, 27, 28, and 29 being constituted one district, under the immediate supervision of the superintendent. The appropriation made for this purpose in April last was ten thousand dollars. During the summer, several severe storms and showers occurred, causing much damage to highways in several districts. For that reason it was found necessary to expend additional sums, over and above the amount appropriated, to keep the highways and streets in a suitable condition for public use. To provide for these extra expenditures, the city council, at their regular meeting in January last, authorized the transfer of the sum of nine hundred and thirty dollars and five cents (\$930.05) from the appropriation made for incidentals and land damage to highway districts; also, the sum of thirteen hundred nine dollars and ninety cents (\$1,309.90) from the appropriation made for incidentals and land damage to the appropriation made for repairs of highways and bridges.

GEO. A. PILLSBURY, *Sup't.*

Concord, Feb. 1, 1878.

GEO. A. PILLSBURY, SUPT. DISTRICTS NUMBERS
9, 26, 27, 28, and 29.

Dr.

To appropriations made April, 1877,	\$7,200.00	
amount received for sprinkling streets,	500.00	
amount transferred from inciden- tals and land damage,	1,309.90	
amount overdrawn,	485.17	
	<hr/>	\$9,495.07

Cr.

By amount expended from Feb. 1, 1877, to Feb. 1, 1878,
as follows :

M. H. Johnson's men, as per pay-roll,		
“ “ March,	\$478.50	
“ “ April,	605.98	
“ “ May,	1,082.37	
“ “ June,	1,420.50	
“ “ July,	1,278.74	
“ “ August,	1,137.76	
“ “ Nov.	1,267.29	
“ “ Dec.	647.11	
“ “ Jan.	523.99	
K. J. Goodhue, teamster,	510.00	
Benj. A. Hall,	73.50	
Woodworth, Dodge & Co.,	389.36	
Humphrey, Dodge & Co.,	36.17	
Flanders, White & Houston,	8.85	
Underhill & Kittredge,	4.75	
W. H. Pitman,	3.36	
True Osgood,	2.40	
J. Frank Hoit,	5.40	
J. H. Lamprey,	19.04	
	<hr/>	\$9,495.07

HIGHWAY DISTRICT REPORTS.

Appropriations, 1877,	\$2,800.00	
Transferred from incidentals and land damage,	1,039.03	
	<hr/>	\$3,839.03

DISTRICT NO. 1.

AARON Q. FARNUM, <i>Surveyor</i> , 1876.		
“ “ 1877.	DR.	
To appropriation, 1877,	\$100.00	
additional appropriation, January, 1878,	10.25	
	<hr/>	\$110.25
CR.		
Paid A. Q. Farnum, bill for breaking roads, 1876-7,	\$10.50	
James Loeke, labor,	4.50	
Moody S. Farnum, labor,	4.50	
Samuel Choat,	6.00	
Wm. French,	4.50	
Joseph Emery,	3.00	
Aaron Q. Farnum,	38.62	
Simeon Farnum,	38.63	
	<hr/>	\$110.25

DISTRICT NO. 2.

WM. S. CARTER, <i>Surveyor</i> , 1876.		
GEO. F. HAYWARD, “ 1877.	DR.	
To appropriation, 1877,	\$70.00	
additional appropriation, January, 1878,	11.91	
	<hr/>	\$81.91
CR.		
Paid for breaking roads, winter 1876-7,	\$7.05	
Joseph Emery, labor,	.90	
John Asheroft, “	2.50	
Frank Sargent, “	2.25	
E. P. Farnum, “	9.25	
Wm. Wheeler, “	3.00	
Daniel Wheeler, “	3.00	
Fred. Carter, “	1.50	
Wm. Carter, “	7.50	
Frank Hammond, “	13.25	
Geo. F. Hayward, “	31.71	
	<hr/>	\$81.91

DISTRICT NO. 3.

JOHN BUCKLAND, <i>Surveyor</i> , 1876.		
RUFUS VIRGIN, " 1877.	DR.	
To appropriation, 1877,	\$70.00	
additional appropriation, January,		
1878,	61.00	
	<hr/>	\$131.00
CR.		
By bill, breaking roads winter 1876-7,	\$13.00	
cash paid David Sargent, labor,	2.25	
" Jonathan M. Varney, labor,	.75	
" L. D. Hall, labor,	2.50	
" H. Ballou, labor,	2.25	
" Chas. Abbott, labor,	8.25	
" Arthur Varney, labor,	2.25	
" Sylvester Sargent, labor,	1.50	
" Chas. Buckland, labor,	8.00	
" Rufus Virgin, self and team,	90.25	
	<hr/>	\$131.00

DISTRICT NO. 4.

HENRY H. POTTER, <i>Surveyor</i> , 1876.		
JOHN T. TENNEY, " 1877.	DR.	
To appropriation, 1877,	\$85.00	
additional appropriation, January,		
1878,	139.33	
	<hr/>	\$224.33
CR.		
By winter bill, 1876-7, H. H. Potter,	\$16.00	
cash paid John Tenney, team and		
plow,	72.50	
" L. Robinson, labor,	3.00	
" Thompson Tenney, labor,	18.00	
" Chas. Kelley, labor,	19.50	
" L. H. Strout, labor,	10.12	
" Geo. W. Nutting, labor,	14.62	
" C. Richardson, labor,	9.22	

By cash paid	J. F. Potter, labor,	\$16.00	
"	Rufus Sears, labor,	3.00	
"	Martin Rowell, labor	1.00	
"	Chas. Bean, labor,	3.00	
"	Chas. Rowell, labor,	6.50	
"	Fred O. Potter, labor,	1.00	
"	H. H. Potter, labor,	12.00	
"	Fred H. Potter, labor,	4.87	
"	Wm. Batchelder, labor,	6.00	
"	Amos Sanborn, labor,	3.00	
"	J. P. Locke, labor,	5.00	
		<hr/>	\$224.33

DISTRICT NO. 5.

DAVID A. MORRILL, <i>Surveyor</i> , 1876.			
"	"	1877.	DR.
To appropriation, 1877,	\$80.00		
additional appropriation, January,			
1878,	41.25		
	<hr/>		\$121.25
CR.			

By winter bill, 1876-7, D. A. Morrill,	\$41.25		
cash paid John B. Sanborn, labor,	9.37		
" John G. Tallant, labor,	12.50		
" Hugh Tallant, labor,	11.12		
" Wm. P. Ford, repairing			
plow,	5.00		
" David A. Morrill, labor,	35.10		
Cash in hands of surveyor,	6.91		
	<hr/>		\$121.25

DISTRICT NO. 6.

GEORGE W. LAKE, <i>Surveyor</i> , 1876.			
"	"	1877.	DR.
To appropriation, 1877,	\$300.00		
additional appropriation, January,			
1878,	60.27		
	<hr/>		\$360.27

Cr.

By winter bill, G. W. Lake, 1876-7,	\$50.65	
cash paid R. Brown, labor,	14.25	
“ Elbridge Emery, labor,	54.00	
“ W. Hill, labor,	1.50	
“ T. Smith, labor,	16.12	
“ F. Knowles, labor,	3.75	
“ H. Nudd, labor,	3.75	
“ C. Chesley, labor,	1.50	
“ S. Young, labor,	3.00	
“ G. Tenney, labor,	3.00	
“ F. Tenney, labor,	4.50	
“ W. G. Lake, labor,	17.50	
“ S. Stevens, labor,	3.00	
“ J. Welsh, labor,	1.50	
“ C. W. Coon, labor,	20.00	
“ A. Cate, labor,	3.25	
“ J. Kimball, labor,	1.50	
“ C. Dudley, labor,	1.50	
“ A. H. Moores, labor,	3.75	
“ C. Duby, labor,	.75	
“ J. Smith, labor,	1.50	
“ W. Smith, labor,	.75	
“ G. Tenney, labor,	12.00	
“ Geo. W. Lake, labor,	137.25	
	<hr/>	\$360.27

DISTRICT NO. 7.

JOSIAH S. LOCKE, *Surveyor*, 1876.
 “ “ 1877.

Dr.

To appropriation, 1877,	\$30.00	
	<hr/>	\$30.00

Cr.

By cash paid Samuel Locke, labor,	\$4.50	
“ Benj. A. Larkin, labor,	3.25	
“ Josiah S. Locke, labor,	17.75	
Cash unexpended,	4.50	
	<hr/>	\$30.00

DISTRICT NO. 8.

DAVID CAMPBELL, <i>Surveyor</i> , 1876.		
“ “ 1877.	DR.	
To appropriation, 1877,	\$60.00	
additional appropriation, January, 1878,	63.94	
	<hr/>	\$123.94
CR.		
By cash paid for breaking roads, 1876-7,	\$74.44	
By cash paid for labor, as per bill rendered,	49.50	
	<hr/>	\$123.94

DISTRICT NO. 10.

HENRY H. FARNUM, <i>Surveyor</i> , 1876.		
L. L. FARWELL, “ 1877.	DR.	
To appropriation, 1877,	\$230.00	
additional appropriation, Jan., 1878,	76.76	
	<hr/>	\$306.76
CR.		
By winter bill, H. H. Farnum, 1876,	\$25.12	
cash paid Harrison Partridge, labor,	45.32	
“ D. B. Webber, “	15.00	
“ J. H. Kellom, “	28.06	
“ H. H. Farnum, “	32.00	
“ C. Farnum, “	5.00	
“ Benj. T. Putney, “	35.71	
“ J. W. Kemp, “	6.75	
“ Geo. Fuller, “	8.25	
“ T. Welch, “	1.50	
“ L. L. Farwell, “	104.05	
	<hr/>	\$306.76

DISTRICT NO. 11.

JONATHAN M. STEWART, <i>Surveyor</i> , 1876.		
JOHN P. ENGEL, “ 1877.	DR.	
To appropriation, 1877,	\$40.00	
additional appropriation, Jan., 1878,	6.99	
	<hr/>	\$46.99

CR.

By bill breaking roads, J. M. Stewart,	
1876-7,	\$6.87
By cash paid per 400 feet lumber,	4.00
“ F. P. Engel, labor and team,	22.62
“ John A. Engel, “	13.50
	<hr/>
	\$46.99

DISTRICT NO. 12.

CHARLES C. BEAN, *Surveyor*, 1876.

HAZEN K. FARNUM, “ 1877. DR.

To appropriation, 1877,	\$450.00
additional appropriation, Jan., 1873,	176.13
	<hr/>
	\$626.13

CR.

By C. C. Bean, bill breaking roads,	
1876-7,	\$138.13
By cash paid Geo. F. Sanborn, self and team,	8.10
By cash paid Mrs. M. Morrill, for sand,	\$2.50
“ Abijah Hollis, for stone,	5.00
“ H. H. Brown, “	33.00
“ John Whittaker, lumber,	8.37
“ J. S. Bonney, labor,	4.00
“ James Kelley, labor,	3.13
“ John Flynn, “	21.20
“ Peter Gahagan, “	7.50
“ John B. Foley, “	24.07
“ John Clement, “	18.75
“ Robert Moore, “	33.76
“ John E. Hoit, “	27.69
“ John Roberts, “	38.82
“ Michael Griffin, “	16.82
“ J. P. Boyce, team,	28.00
“ Sargent Fiske, labor,	1.75
“ Geo. Elliott, “	.63
“ James Garvie, “	2.50
“ James Foster, “	5.00
“ H. K. Farnum, “	159.28
By cash balance in hands of H. K. Farnum, surveyor,	38.13
	<hr/>
	\$626.13

DISTRICT NO. 13.

GEO. F. SANBORN, *Surveyor*, 1876.

" " 1877.

Dr.

To appropriation, 1877, \$80.00
 additional appropriation, Jan., 1878, 168.44

 \$248.44

Cr.

By cash paid F. F. Elliott, labor,	\$0.30
" J. S. Fiske, "	9.33
" J. F. Sanborn, "	13.55
" Samuel Floyd, "	3.05
" Fred Conner, "	12.38
" A. Conner, "	.75
" Geo. A. Blanchard, labor,	1.80
" James Conner, "	.75
" J. Elliott, "	.45
" Amos Elliott, "	5.63
" L. Knowles, "	5.63
" Timothy E. Hoit, labor,	
gravel,	13.88
" Fred Conner, labor, gravel,	10.33
" Samuel B. Elliott, labor,	1.50
" Mills Chase, labor,	1.00
" Wm. T. Emery, labor,	3.00
" Frank L. Elliott, "	3.45
" Peter F. Elliott, "	1.50
" E. A. Bacon, "	4.50
" Jeremiah Fowler, "	1.00
" Alfred Uran, "	2.25
" Lowell B. Elliott, "	.37
" Warren Johnson, labor,	
gravel,	.80
" Geo. F. Sanborn, self and team,	151.24

 \$248.44

DISTRICT NO. 14.

SHERMAN D. COLBY, *Surveyor*, 1876.

JOHN M. BEAN, " 1877.

Dr.

To appropriation, 1877, \$60.00
 additional appropriation, Jan., 1878, 21.28

 \$81.28

CR.

By cash paid S. D. Colby, winter bill,		
1876-7,	\$4.05	
“ Daniel Whitney, labor,	7.65	
“ Joseph Hemingway, labor,	2.25	
“ Henry Anis, “	4.50	
“ Hiram Eastman, “	1.75	
“ James Were, “	1.50	
“ John M. Bean, team and		
labor,	51.21	
“ John Whitaker, plank,	8.37	
	<hr/>	\$81.28

DISTRICT NO. 15.

MOSES E. LONG, *Surveyor*, 1876.

“ “ 1877. DR.

To appropriation, 1877,	\$70.00	
additional appropriation, Jan., 1878,	7.49	
	<hr/>	\$77.49

CR.

By cash paid M. E. Long, winter bill,		
1876-7,	\$7.50	
“ Nath. Hesser, labor,	30.00	
“ Gilman Gomo, “	18.75	
“ Lucian Shepard, labor,	8.62	
“ Moses E. Long, “	12.62	
	<hr/>	\$77.49

DISTRICT NO. 16.

ROBERT B. HOIT, *Surveyor*, 1876.

“ “ 1877. DR.

To appropriation, 1877,	\$65.00	
	<hr/>	\$65.00

CR.

By cash paid Jerome Runnells, labor,	\$4.50	
“ Amos Savage, “	6.75	
“ Leavitt Powell, “	3.00	
“ Edwin Terry, “	3.00	
“ Chas. Terry, “	2.25	
“ Robert B. Hoit, “	11.75	
By cash balance unexpended,	33.75	
	<hr/>	\$65.00

DISTRICT NO. 17.

GILMAN H. DIMOND, <i>Surveyor</i> , 1876.		
“	“	1877.
		Dr.
To appropriation, 1877,	\$60.00	
additional appropriation, Jan., 1878,	17.32	
	<hr/>	\$77.32
Cr.		
By cash paid winter bill, 1876-7,	\$9.45	
“ A. C. Carter, labor,	13.82	
“ F. R. Carter, “	3.00	
“ C. H. Currier, “	3.75	
“ W. E. Crane, “	2.70	
“ J. Connor, “	3.00	
“ F. E. Dimond, “	2.25	
“ J. F. Gile, “	3.00	
“ C. W. Morse, “	2.25	
“ G. L. Ordway, “	4.50	
“ Gilman H. Dimond, labor,	29.60	
	<hr/>	\$77.32

DISTRICT NO. 18.

ANDREW S. FARNUM, <i>Surveyor</i> , 1876.		
“	“	1877.
		Dr.
To appropriation, 1877,	\$90.00	
additional appropriation, Jan., 1878,	12.23	
	<hr/>	\$102.23
Cr.		
By cash paid Isaac F. Ferrin, labor,	\$16.12	
“ R. S. Emery, “	24.50	
“ Samuel F. Calef, “	6.75	
“ Henry Farnum, “	2.13	
“ Daniel B. Webber, gravel,	4.80	
“ Stephen Carter, labor,	5.55	
“ Andrew S. Farnum, labor,	42.38	
	<hr/>	\$102.23

DISTRICT NO. 19.

REUBEN K. ABBOTT, <i>Surveyor</i> , 1876.		
JOHN K. ABBOTT, “	1877.	Dr.
To appropriation, 1877,	\$100.00	
	<hr/>	\$100.00

CR.

By cash paid Daniel C. Tenney, labor,	\$7.65	
“ Stephen K. Little, “	15.62	
“ Reuben K. Abbott, “	8.62	
“ Albert D. Swan, “	7.50	
“ Albert Saltmarsh, “	9.87	
“ Thos. B. Tamblyn, “	6.75	
“ John E. Saltmarsh, “	5.25	
“ Charles H. Merrill, “	5.25	
“ John K. Abbott, “	25.12	
“ J. W. Flanders, “	1.00	
By cash unexpended,	7.47	
	<hr/>	\$100.00

DISTRICT NO. 20.

JACOB N. FLANDERS, *Surveyor*, 1876.

CHAS. H. MERRILL, “ 1877. DR.

To appropriation, 1877,	\$60.00	
	<hr/>	\$60.00

CR.

By cash paid John E. Saltmarsh, labor,	\$6.50	
“ Wm. Fagan, “	8.70	
“ J. N. Flanders, “	6.60	
“ Wm. Thompson, “	3.25	
“ Frank Thompson, “	3.00	
“ T. B. Thompson, “	3.00	
“ F. J. Emerson, “	10.25	
“ Thomas Hall, “	2.15	
“ C. B. Merrill, “	2.00	
“ A. C. Jones, “	6.00	
“ Chas. H. Merrill, “	8.55	
	<hr/>	\$60.00

DISTRICT NO. 21.

DANIEL FARNUM, *Surveyor*, 1876.

“ “ 1877. DR.

To balance appropriation unexpended, 1876,	\$52.35	
To balance appropriation, 1877,	80.00	
	<hr/>	\$132.35

Cr.		
By cash paid winter bill, 1876-7,	\$45.80	
“ Lowell Brown, labor,	20.20	
“ Frank Griffin, “	11.25	
“ Wm. P. Ballard, “	.75	
“ Chas. Fiske, “	1.50	
“ C. Fowler, “	3.37	
“ Daniel Farnum, “	45.00	
By cash unexpended, “	4.48	
	<hr/>	\$132.35
Cr.		

DISTRICT NO. 22.

CHARLES HALL, <i>Surveyor</i> , 1876.		
“ “ “ 1877.	Dr.	
To appropriation, 1877,	\$75.00	
	<hr/>	\$75.00
Cr.		
By cash paid C. Hall, as per bill,	\$75.00	
	<hr/>	\$75.00

DISTRICT NO. 23.

JEREMIAH S. ABBOTT, <i>Surveyor</i> , 1876.		
JOHN E. BAKER, “ “ 1877.	Dr.	
To appropriation, 1877,	\$115.00	
additional appropriation, Jan., 1878,	42.59	
	<hr/>	\$157.59
Cr.		
By cash paid winter bill, 1876-7,	\$67.34	
“ Isaac N. Abbott, labor,	13.00	
“ Isaac N. Proctor, “	9.00	
“ Stephen Currier, “	7.50	
“ J. S. Abbott, “	7.50	
“ John Corliss, “	1.50	
“ Frank G. Procter, “	3.00	
“ Hiram Dow, “	.75	
“ Daniel Smith, “	4.50	
“ John C. Baker, “	43.50	
	<hr/>	\$157.59

DISTRICT NO. 24.

ANDREW S. SMITH, <i>Surveyor</i> , 1876.	
JOSEPH E. BROWN, " 1877.	Dr.
To appropriation, 1877,	\$55.00
additional appropriation, Jan., 1878,	24.55
	<hr/>
	\$79.55

Cr.

By cash paid winter bill, 1876-7,	\$20.65
" J. H. Goodwin, labor,	4.50
" J. E. Brown, "	36.75
" Daniel G. Blake, "	.75
" Wm. R. Smart, "	.75
" Andrew S. Smith, "	16.45
	<hr/>
	\$79.55

DISTRICT NO. 25.

FREDERICK CLOUGH, <i>Surveyor</i> , 1876.	
B. A. BLOOD, " 1877.	Dr.
To appropriation, 1877,	\$100.00
additional appropriation, Jan., 1878,	2.18
	<hr/>
	\$102.18

Cr.

By cash paid winter bill, 1876-7,	\$9.00
" Frederick Clough, labor,	6.50
" John E. Rowell, "	9.00
" John Wheeler, "	9.75
" Henry Ordway, "	8.25
" Chas. Flanders, "	6.00
" Henry P. Moore, "	.25
" Frederick Clough, "	12.00
" John L. Gordon, "	4.50
" R. H. Batchelder, "	8.25
" Oren Stevenson, "	3.55
" Isaac F. Wheeler, "	9.75
" B. A. Blood, "	15.38
	<hr/>
	\$102.18

DISTRICT NO. 30.

F. B. CARTER, <i>Surveyor</i> , 1876.	
" " 1877.	Dr.
To appropriation, 1877,	\$60.00
	<hr/>
	\$60.00

Cr.

By cash paid Timothy Carter, labor,	\$9.00	
“ David Carter, labor,	4.50	
“ Chas. Carter, labor,	4.50	
“ Frank Dimond, labor,	1.50	
“ Frank B. Carter, labor,	28.50	
By cash unexpended,	12.00	
	<hr/>	\$60.00

DISTRICT NO. 31.

ROBERT K. LOUGEE, <i>Surveyor</i> , 1876.		
“ “ 1877.	Dr.	
To appropriation, 1877,	\$20.00	
additional appropriation, January,		
1878,	13.15	
	<hr/>	33.15

Cr.

By cash paid, winter bill 1876-7,	\$3.90	
“ Nathan Marden, labor,	3.00	
“ Frank Marden, labor,	3.75	
“ Peter Marden, labor,	3.75	
“ S. E. Clifford, team,	1.75	
“ Robert K. Lougee, team,	17.00	
	<hr/>	\$33.15

DISTRICT NO. 32.

JOHN T. GILMAN, <i>Surveyor</i> , 1876.		
AI SMITH, “ 1877.	Dr.	
To appropriation, 1877,	\$45.00	
additional appropriation, January,		
1878,	15.37	
unexpended balance, 1877,	10.13	
	<hr/>	\$70.50

Cr.

By cash paid winter bill 1876-7,	\$12.00	
“ Josiah Sargent, labor,	9.00	
“ Geo. Holt, labor,	4.95	
“ Ai Smith,	44.55	
	<hr/>	\$70.50

DISTRICT NO. 33.

HENRY H. BEAN, <i>Surveyor</i> , 1876.		
“ “ 1877.	Dr.	
To appropriation, 1877,	\$60.00	
additional appropriation, January,		
1878,	4.12	
	<hr/>	\$64.12
Cr.		
By cash paid Geo. T. Abbott, labor,	\$12.00	
“ E. R. Noyes, labor,	4.00	
“ F. Doplace, labor,	12.00	
“ C. L. Bailey, labor,	3.00	
“ T. P. Bean, labor,	3.00	
“ J. T. Batchelder, labor,	.75	
“ Amos Sanborn, labor,	1.50	
“ Henry H. Bean, labor,	27.87	
	<hr/>	\$64.12

DISTRICT NO. 34.

JOHN W. BOURLET, <i>Surveyor</i> , 1876.		
“ “ 1877.	Dr.	
To appropriation, 1877,	\$50.00	
	<hr/>	\$50.00
Cr.		
By cash paid G. Graham, labor,	\$6.00	
“ Andrew Moody, labor,	6.00	
“ Moses Sanborn, labor,	3.00	
“ Chas. Graham, labor,	4.50	
“ John W. Bourlet, labor,	17.25	
By cash unexpended,	7.25	
	<hr/>	\$50.00

DISTRICT NO. 35.

JONATHAN P. LEAVITT, <i>Surveyor</i> , 1877.	Dr.	
To appropriation, 1877,	\$40.00	
	<hr/>	\$40.00

CR.

By cash paid E. P. Jenness,	\$5.25	
“ L. Stearns,	.75	
“ S. Guernsey,	3.00	
“ Jeremiah Whitney,	5.25	
“ Jonathan P. Leavitt,	19.75	
By cash unexpended,	6.00	
	<hr/>	\$40.00
Grand total,		<hr/> \$3,839.03

CITY PRECINCT.

APPROPRIATION FOR 1877.

For payment of interest on Precinct	
State House loan,	\$2,950.00
lighting streets,	2,400.00
payment of principal and interest	
on Water-Works debt,	4,500.00
payment of interest on sewer loan,	2,400.00
	<hr/>
	\$12,250.00

Paid as follows :

Coupons,	\$3.00
"	60.00
S. W. Shattuck,	13.75
L. K. Taft,	15.00
Concord Gas Light Co.,	2,358.97
Tufts Brothers,	10.20
Coupons,	84.00
"	12.00
"	45.00
John H. Morse,	1.60
Coupons,	78.00
"	90.00
"	9.00
"	3.00
Lucinda K. Taft,	15.00
City Water-Works,	4,500.00
Coupon,	6.00
Geo. E. Minot,	9.30
Griggs Bros.,	61.10
Coupons,	78.00

F. S. Crawford,	\$30.00
Geo. E. Minot,	3.00
C. C. Ainsworth,	15.00
Coupons,	60.00
“	9.00
“	3.00
“	9.00
S. C. Eastman, Tr.,	120.00
Coupons,	9.00
Sewer Loan,	1,200.00
Geo. Little,	15.00
Wm. H. Gilman,	30.00
Coupons,	165.00
F. Chase,	30.00
Coupons,	957.00
F. S. Crawford,	30.00
Sewer Loan,	1,200.00
Dartmouth college,	30.00
Geo. Little,	15.00
Sena Stevens,	30.00
Coupons,	1,038.00
“	21.00
	<hr/> \$12,471.92

SEWERS.

Balance of appropriation, 1876, unex-	
pended,	\$3,907.33
Appropriation, 1877,	12,000.00
Pipe, tools, etc., on hand, as per re-	
port last year,	1,693.72
Received of Concord R. R. Cor., pipe	
sold,	176.10
G. S. Locke, pipe sold,	7.56
Abbot Downing Co., pipe	
sold,	69.75
B. G. Merrill, pipe sold,	26.04
Cummings Bros., pipe sold,	20.25
J. C. Linehan, pipe sold,	34.02
Due from N. H. Asylum for Insane,*	435.37

* Since paid.

Transferred from roads and bridges, on account pipe used for catch basins, &c.,	\$863.73	
Transferred from East Concord engine- house, for pipe and material,	93.65	
	<hr/>	\$19,327.52

Paid as follows :

C. C. Lund, engineering 1876-7,	\$570.75	
Byron G. Merrill, pay-rolls,	5,622.38	
Geo. A. Cummings, committee service,	25.00	
Geo. W. Nelson,	1.60	
Alexander Herbert,	1.50	
Concord R. R. Cor., freight on pipe,	3,252.25	
Akron Sewer Pipe Co., pipe,	6,432.00	
D. S. Webster, teaming,	96.45	
Henry Churchill,	2.50	
J. E. Clifford,	2.75	
Flanders, White & Houston, black- smithing,	115.74	
Samuel Holt, brick,	433.00	
Holt Bros., lumber,	25.00	
Wm. K. Holt & Co., damage,	23.74	
S. M. Chesley, blacksmithing,	19.25	
N. Weeks, blacksmithing,	43.09	
E. B. Hutchinson, lumber, &c.,	31.77	
James F. Kelley,	.90	
Geo. A. Pillsbury, for Akron Sewer Pipe Co.,	792.41	
Woodworth, Dodge & Co., cement,	272.67	
Humphrey, Dodge & Co., hardware,	8.83	
Ford & Kimball, castings,	312.89	
Gust Walker, hardware,	11.82	
A. & G. A. Foster, horse hire,	21.50	
James Wentworth, for rent,	40.00	
J. Frank Hoit, oil, &c.,	7.18	
Frank Evans,	1.53	
D. O. Smith, blacksmithing,	4.46	
J. E. McShane, blacksmithing,	11.25	
Concord Gas Light Co., gas,	4.30	
	<hr/>	\$18,188.51

Amount brought forward,	\$18,188.51
Balance unexpended,	1,139.01
	<hr/>
	\$19,327.52

The committee have pipe, tools, lum- ber, &c., on hand, worth	\$1,049.50	
Balance unexpended, as above,	1,139.01	
	<hr/>	\$2,188.51

CITY PROPERTY, FEB. 1, 1878.

City Hall lot, and half of building,	\$40,000.00
City farm,	15,000.00
Personal property at farm, by appraisal,	4,191.30
Gravel lots at East Concord,	100.00
Gravel lot on Washington street,	2,000.00
Lot on Warren and Liberty streets,	700.00
Land and buildings on Warren street,	10,000.00
Land in Ward 2,	400.00
Ward-house, Ward 2,	1,000.00
Ward-house, Ward 6,	6,000.00
City storehouse, lot, lumber, and stone,	5,000.00
Tools in hands of sup't highways,	1,000.00
Receiving tomb,	350.00
Furniture in City Hall building,	200.00
Furniture in mayor's office,	125.00
Furniture in city clerk's office,	100.00
Furniture in city marshal's office,	100.00
Furniture in collector's office,	200.00
Four horses,	800.00
Harnesses and stable fixtures,	400.00
Street sprinklers, pipes, and fixtures,	550.00
Legacy of Abial Walker, for schools,	1,000.00
Legacy of G. P. Lyon, for library,	1,000.00
Legacy of Franklin Pierce, for library,	1,000.00
City library,	5,000.00
Gravel on A. B. Holt's lot,	1,000.00
Old cemetery fund, city bonds,	700.00
Central Fire Station,	34,000.00
Steam heating apparatus,	1,000.00
Property in hands of fire department,	32,210.90
	<hr/>
	\$165,127.20

APPROPRIATIONS, 1877.

Paupers,	\$2,500.00
Fire department,	10,000.00
Incidentals,	6,000.00
Roads and bridges,	12,000.00
Committee service,	900.00
Police and watch,	3,900.00
Printing and stationery,	1,600.00
Professional services,	500.00
Salaries,	5,500.00
Interest on city debt,	13,500.00
Payment of city bonds,	16,000.00
Public library,	1,300.00
State tax,	22,200.00
County tax,	21,078.90
Schools,	25,725.00
Repairs of highways,	10,000.00
School-house taxes,	7,220.00
Construction of sewers,	12,000.00
Lighting streets,	2,400.00
City Water-Works,	4,500.00
Payment of floating debt,	10,000.00
Payment of principal and interest, state house debt,	2,950.00
Decorating soldiers' graves,	150.00
Engine-house, East Concord,	2,000.00
Payment of interest on sewer loan,	2,400.00
	<hr/>
	\$196,343.90

An additional appropriation of \$1,200 was made Dec. 29, for the new engine-house in Ward 2, of which amount \$500 was contributed by the citizens of East Concord.

CITY DEBT AND ASSETS.

FUNDED DEBT, PAYABLE AS FOLLOWS:

When due.	Rate of int.	Payable.	Amount.
Nov. 1, 1878,	6,	semi-annually,	\$4,000
Jan. 1, 1879,	6,	annually,	3,000
April 1, 1879,	6,	semi-annually,	4,000
Nov. 1, 1879,	6,	semi-annually,	1,000

When due.	Rate of int.	Payable.	Amount.
Jan. 1, 1880,	6,	annually,	\$8,000
April 1, 1880,	6,	semi-annually,	3,000
Nov. 1, 1880,	6,	semi-annually,	1,000
Jan. 1, 1881,	6,	annually,	7,500
April 1, 1881,	6,	semi-annually,	3,000
Nov. 1, 1881,	6,	semi-annually,	3,000
Jan. 1, 1882,	6,	annually,	5,000
April 1, 1882,	6,	semi-annually,	4,000
Nov. 1, 1882,	6,	semi-annually,	1,000
Jan. 1, 1883,	6,	annually,	5,000
Jan. 1, 1883,	5,	annually,	6,000
Nov. 1, 1883,	6,	semi-annually,	3,000
Jan. 1, 1884,	6,	annually,	2,000
April 1, 1884,	6,	semi-annually,	7,000
Nov. 1, 1884,	6,	semi-annually,	5,000
Jan. 1, 1885,	6,	annually,	2,000
April 1, 1885,	6,	semi-annually,	5,000
Nov. 1, 1885,	6,	semi-annually,	9,000
Jan. 1, 1886,	6,	annually,	1,500
April 1, 1886,	6,	semi-annually,	1,000
Nov. 1, 1886,	6,	semi-annually,	10,000
Jan. 1, 1887,	6,	annually,	1,500
Oct. 1, 1887,	6,	semi-annually,	10,000
Jan. 1, 1888,	6,	annually,	1,000
Oct. 1, 1888,	6,	semi-annually,	8,500
Jan. 1, 1889,	6,	annually,	2,000
Oct. 1, 1889,	6,	semi-annually,	10,000
Jan. 1, 1890,	6,	annually,	2,000
Oct. 1, 1890,	6,	semi-annually,	10,000
Jan. 1, 1891,	6,	annually,	1,000
Oct. 1, 1891,	6,	semi-annually,	\$6,250
Nov. 1, 1891,	6,	semi-annually,	6,000
Oct. 1, 1892,	6,	semi-annually,	2,000
Nov. 1, 1892,	6,	semi-annually,	10,000
Oct. 1, 1893,	6,	semi-annually,	4,250
Nov. 1, 1893,	6,	semi-annually,	8,000
Oct. 1, 1894,	6,	semi-annually,	4,000
Nov. 1, 1894,	6,	semi-annually,	7,000
Oct. 1, 1895,	6,	semi-annually,	3,000

\$200,500

FLOATING DEBT AND OUTSTANDING CLAIMS.

Notes,	\$12,000.00	
Interest,	140.00	
Coupons due, but not presented, city,	480.00	
	<u> </u>	\$12,620.00
Due for salaries and committee ser-		
vice,	\$2,200.00	
school districts,	473.15	
on city orders,	106.09	
	<u> </u>	\$2,779.24
		<u> </u>
		\$215,899.24

AVAILABLE ASSETS.

Cash in city treasury,	\$2,157.05	
Due on tax list, 1875,	843.53	
1876,	5,768.29	
1877,	34,040.27	
from Merrimack county,	3,622.81	
Blossom Hill Cemetery,	4,000.00	
on account of sidewalks laid,	509.11	
rent,*	50.00	
note, Moses Ordway and others,	200.00	
town of Campton,	19.00	
	<u> </u>	\$51,210.06
Indebtedness above assets,		164,689.18
		<u> </u>
		\$215,899.24
Indebtedness of the city Feb. 1, 1877, above		
assets,		187,139.62
Indebtedness, Feb. 1, 1878,		164,689.18
		<u> </u>
Decrease of debt for year 1877,		22,450.44

CITY PRECINCT DEBT AND ASSETS.

State House precinct notes, 6 per cent.,		
semi-annually, payable Dec. 1, 1878,		\$1,500
" 1879,		500
" 1880,		1,500
" 1881,		1,000
" 1882,		1,000
" 1883,		1,000

* Since paid.

State House precinct notes, 6 per cent., semi-annually, payable Dec. 1, 1884,	\$1,000
“ 1885,	1,500
“ 1886,	2,500
“ 1887,	3,000
“ 1888,	3,500
“ 1889,	2,000
“ 1890,	3,000
“ 1891,	2,000
“ 1892,	2,000
“ 1893,	2,000
“ 1894,	3,000
“ 1895,	10,000
“ 1896,	7,000
	<hr/>
	\$49,000
Precinct notes for sewers, 6 per cent., payable \$8,000 annually on and after Dec. 1, 1882,	40,000
City Water-Works,	350,000
	<hr/>
	\$439,000

PRECINCT PROPERTY.

City Water-Works,	\$350,000.00
Indebtedness of precinct above assets,	89,000.00
	<hr/>
	\$439,000.00

INDEBTEDNESS OF PRECINCT FEB. 1, 1878.

State house debt,	\$49,000.00
Water-Works debt,	350,000.00
Sewers debt,	40,000.00
	<hr/>
	\$439,000.00

Coupons due, but not yet presented :

Precinct,	\$123.00
Water-Works,	468.00
	<hr/>
	\$591.00
	<hr/>
Balance of appropriation,	\$439,591.00
Unexpended on sewer account,	\$1,139.01
Pipe, tools, and lumber on hand,	1,049.50
	<hr/>
	\$2,188.51

POLLS, VALUATION, AND TAXES ASSESSED.

The number of polls, and the tax assessed on the real and personal estate in the city of Concord, since 1860:

Year.	No. of Polls.	Valuation.	Tax.
1860	2,577	\$4,307,192	\$47,082.25
1861	2,497	4,423,936	46,290.48
1862	2,350	4,308,568	50,945.01
1863	2,454	3,775,206	60,293.82
1864	2,539	3,832,800	89,931.97
1865	2,495	5,549,002	158,787.29
1866	2,762	4,934,082	116,192.97
1867	2,822	5,006,774	145,173.49
1868	3,120	5,378,365	126,889.71
1869	3,205	5,581,459	146,791.64
1870	3,187	5,751,928	133,953.94
1871	3,338	5,891,993	137,844.70
1872	3,767	5,917,054	141,122.97
1873	3,613	9,012,650	158,281.13
1874	3,784	9,000,526	171,045.61

1875.	Polls.	Valuation.	Tax.
Ward 1,	467	\$802,007	\$10,719.19
2,	241	409,001	5,941.11
3,	228	367,007	5,370.06
4,	951	1,974,173	40,105.68
5,	752	2,678,964	54,077.75
6,	817	2,306,361	46,761.42
7,	485	678,683	9,468.86
Non-resident,			3,190.61
	3,941	\$9,216,195	\$175,234.68

1876.	Polls.	Valuation.	Tax.
Ward 1,	424	\$831,137	\$10,500.61
2,	252	411,918	5,066.28
3,	242	383,533	5,396.26
4,	937	1,974,072	36,956.22
5,	743	2,635,025	49,949.42
6,	818	2,306,911	43,794.41
7,	495	680,029	9,516.76
Non-resident,			2,588.33
	3911	9,222,625	163,768.29

1877.	Polls.	Valuation.	Tax.
Ward 1,	459	\$828,067	\$12,786.58
2,	276	412,928	5,787.75
3,	235	380,565	5,799.05
4,	985	1,932,937	38,652.21
5,	750	2,817,120	54,198.46
6,	848	2,359,665	47,094.53
7,	459	673,835	9,761.39
Non-resident,			2,960.30
	4015	\$9,405,117	\$177,040.27

SIXTH ANNUAL REPORT
OF THE BOARD OF WATER COMMISSIONERS TO
THE CITY COUNCIL, FOR YEAR ENDING JANU-
ARY 31, 1878.

BOARD OF WATER COMMISSIONERS.

GEORGE A. PILLSBURY, Mayor, *ex officio*.

BENJAMIN A. KIMBALL.....to March 31, 1878.

JOHN M. HILL.....to March 31, 1878.

SAMUEL S. KIMBALL.....to March 31, 1879.

LUTHER P. DURGIN.....to March 31, 1879.

JOHN KIMBALL.....to March 31, 1880.

WILLIAM M. CHASE.....to March 31, 1880.

OFFICERS.

B. A. KIMBALL, *President*.

JOHN M. HILL, *Clerk*.

CHARLES C. LUND, *Engineer*.

V. C. HASTINGS, *Superintendent*.

REPORT.

To the City Council:

The Board of Water Commissioners herewith present their Sixth Annual Report, being for the municipal year ending January 31, 1878.

PECUNIARY SUCCESS OF THE WORKS.

It is a subject of congratulation that, notwithstanding the long-continued and severe prostration of business in this community, and the consequent depression of our mechanical and industrial interests, greater now than at any previous time, there has been during the past year a gratifying increase in the revenue of the Water-Works, tending to confirm the impressions expressed in our last report, that upon the return of our accustomed prosperity, we may expect this enterprise to become at once self-supporting, and eventually to be a source of considerable income to the city. The receipts from water-rents have been \$20,373.42 against \$18,770.55 in 1876, a gain of \$1,602.87. The receipts from all sources, \$20,763.03 against \$19,001.07, a gain of \$1,761.96.

DURABILITY AND PERMANENCY.

Five years have now elapsed since water was supplied through these Works, and the test of time has been exceedingly favorable to both the kind and character of the work, reflecting great credit upon the contractors for the faithful

manner of its execution, and affording abundant promise for its present security and future permanency. The repairs during all this time have been comparatively slight, much less, we think, than if the mains had been of iron. The maintenance of these repairs for the time indicated was made the duty of the contractors by the terms of the contract, and has been faithfully performed. Year by year the expense has been decreasing, and for the last year has not exceeded seventy-five dollars; and now that the Board is about to assume this new liability, we may confidently count upon a probable future cost of little amount.

SEWERAGE—ITS ADVANTAGES.

The extensive sewerage put in by the city during the seasons of 1875, 1876, and 1877, aggregating fourteen and one fifth miles, following exclusively our lines of street mains, has been of incalculable convenience and great sanitary advantage to our people, and has added materially to the profits of the Water-Works. Sewerage has naturally and necessarily succeeded the introduction of water, and its favorable results to these Works are yet far from ended. We may expect a gradual and material increase in receipts from this source for several years to come.

IMMUNITY FROM FIRE.

During the five years since the construction of these Works, the total losses by fire in the Precinct, as shown by the reports of the chief engineers of the fire department, have been as follows: 1873, \$65,340; 1874, \$10,501; 1875, \$18,710; 1876, \$15,300; 1877, \$4,800—total, \$114,651. Deducting the amount of losses in 1873, the first year of operation, and before the firemen had acquired a practical knowledge of the working of the hydrant service, the aggregate for all the four remaining years reaches only \$49,311, or less than the sum of any single year's losses of the five years preceding

the use of Long Pond water. The reason of this is apparent to the most casual observer, and is due solely to the readiness with which streams of large volume can be brought into requisition in times of fire, and to the abundant and never-failing supply. The two successfully managed fires in the winters of 1876-7 and 1877-8, of the large barns filled with hay and other combustible material, in dangerous localities, and occurring under circumstances and conditions of the elements which carried terror and consternation to thousands of citizens at the prospect of a conflagration which no human power might be able to stay, fully developed our resources for water, and saved more than the cost of the entire Works. With the scanty and often inadequate supply under the old system, who could have foretold the consequences?

MAINS AND SERVICE-PIPES.

By the action of the Board, early in the year, the superintendent was instructed to assume the laying of all water-mains and service-pipes, making purchases of pipes and materials, and employing all necessary labor. This has insured to us the constant services of a person of fair skill to perform this work and to aid the superintendent in general care and management and office labor. The expense of laying for the year 1877 has been, 4,170 feet pipe, costing \$1,015.98; average, $24\frac{1}{2}$ cents per foot;—in 1876, 4,346 feet pipe, costing \$1,477.97; average 34 cents per foot. This shows a very decided decrease of expense under the present arrangement. The charges for the care and repairs of hydrants have been \$156.92, which is included in the item of general care and maintenance.

THE WORKS AS AN INVESTMENT.

We cannot forbear adverting to the fact that the Works are now, *practically*, a paying investment. The legitimate running expenses for the year, as shown by the city treasurer's and superintendent's reports have been,—interest on

bonded debt, (\$350,000) at 6 per cent., \$21,000; care and maintenance, \$2,317.07; total, \$23,317.07. The receipts are \$20,373.42; apparent deficit, \$2,943.65. With the moderate allowance of fifty dollars each for the use of ninety-three public hydrants, we should have an addition to our receipts of \$4,650, and an excess of \$1,716.35 over expenses. It will not require more than a couple of years, allowing the same ratio of increase as in the past two years, to equalize the income and expenditures, and afford the city the free use of water for fire purposes.

LAND DAMAGES, FLOWAGE.

During the past year the sum of \$283.40 has been paid for land damages at Long Pond. All claims on this account are now extinguished except one, comparatively small, and the complete right of flowage to the height of 185 feet has been substantially settled and secured.

NEW DAM AT THE WASTE-WAY.

Under the requirements of the Holden award, a new and substantial earth and stone dam has been built at the waste-way near Forge dam, under the supervision of Messrs. J. Kimball and Durgin, committee. The immediate structure at the overflow is all of cut stone, laid deep, and completed in a very substantial and workmanlike manner. The placing of this new dam will raise the capacity of water in the pond to 184 feet, 9 inches. The expense has been \$1,362.53.

ENLARGEMENTS AND IMPROVEMENTS.

A much needed improvement has been made by an extension of twenty-six feet to the gate-keeper's barn, at a cost of \$300. The "kit factory" on the outlet stream, below West Concord street, occupied by Mr. Moses Humphrey, has been put in a state of repair at an expense of \$225, and re-leased for a term of five years from Feb. 1, 1878, at an annual rent

of \$392. This will be hereafter a source of additional income, no revenue having accrued previously, as by the terms of the original purchase Mr. H. held free occupancy to the date mentioned.

PLANS OF STREET MAINS AND SERVICE PIPES.

Elaborate and detailed plans of street mains and service pipes, showing also the city sewerage, have been furnished by Mr. Charles C. Lund, engineer of the Works. They are based upon a scale of one inch to each forty feet, are drawn from careful surveys and measurements, and evince much artistic skill in their execution. The cost has been \$227.75.

PROSPECTIVE IMPROVEMENTS AT LONG POND.

The improvement of the grounds at Forge dam and its vicinity will receive the attention of the Board during the coming year. The fencing of the gate-keeper's premises, and the reclaiming of land belonging thereto, west of the road across the dam, and near the waste-way, bringing it to an arable condition, should be effected. The inclosure of all the grounds pertaining to the Water-Works, east of and below the dam, and taking preliminary steps towards forming the same into a park, which in time, with inconsiderable expense, may be rendered very beautiful, is a project which has already been considered, and is much to be desired. Private contributions in its aid have already been indicated. The completion of a park at this point, with a shore road around the entire pond, would afford an attraction which, with the natural beauty and varied scenery of this charming sheet of water and its surroundings, is rarely exceeded, if equalled.

SUPPLY OF WATER—GENERAL DATA.

The volume of water in Long Pond during the year has been comparatively even and regular. The highest point attained was April 27, being 178.50 ; and the lowest March 4,

being 174.30; a variation of 4.20 feet. The record gives the height on the first of each month as follows :

January,	176.00	July,	177.55
February,	175.05	August,	176.90
March,	174.30	September,	176.20
April,	177.10	October,	174.90
May,	178.50	November,	175.55
June,	177.20	December,	177.30

The height January 1, 1878, was 177.60, being 1.60 feet higher than at the corresponding date of 1877, and 2.20 feet less than for the highest point during the year. The average for the year was 176.46. The average for the four preceding years was,—1873, 175.86; 1874, 179.50; 1875, 180; 1876, 180.28. To give the reader a clearer insight of this matter, we subjoin the following data: Height of dam, 187; overflow, 184.75; Holden's high-water mark (old dam), 179.17; lowest point to which water may be drawn from conduit, 167. The base or *datum* line of reckoning is from low-water level in the Merrimack river at Lower Bridge. For height of other points in the city, see table appended to this report.

In the spring of 1876 the pond was completely filled by the melting snows and abundant rains, and large quantities of water were of necessity discharged through the various pipe outlets to reduce the general volume below the then overflow (183). The spring of 1877 furnished little water from thaws, and the rains of April alone added materially to the supply. The summer rains were sparse and scanty, and the pond was replenished and kept up mostly from its never-failing springs. In the fall, the rain-fall was reasonably abundant, and left the store good for the winter.

VARIOUS MATTERS.

Mr. John Kimball has acted since August last as president *pro tem.*, in the absence of Mr. Benjamin A. Kimball, now in Europe.

The Board take pleasure in commending the superintendent for his care and good management, and his faithful services generally.

The Superintendent estimates the average amount of water drawn daily during the year to be 550,000 gallons. The above estimate is made from meter measurements at different seasons of the year.

There has been laid during the year, for distribution pipes, &c., 765 feet of 6-inch, 258 feet of 1-inch, 955 feet of $\frac{3}{4}$ -inch, 1 stop gate, and 91 service pipes, or 2,192 feet.

There is on hand 2,303 feet of 4-inch cement pipe ready for use, which was purchased, late in the season, of the American Gas & Water Pipe Co., at a cost of about 28 $\frac{3}{4}$ cents per foot; total, \$622.60. It will probably be laid during the coming summer.

BENJAMIN A. KIMBALL,
JOHN M. HILL,
SAMUEL S. KIMBALL,
LUTHER P. DURGIN,
JOHN KIMBALL,
WILLIAM M. CHASE,
GEO. A. PILLSBURY, *ex off.*,

Commissioners.

Concord, Feb. 1, 1878.

TABLE

*Showing Summary of Main, Distribution, and Service Pipe,
now laid and in use.*

30-inch main,	1,950 ft.
16-inch “	151 “
14-inch “	13,556 “
14-inch distribution,	3,704 “
12-inch “	1,622 “
10-inch “	3,034 “
8-inch “	8,667 “
6-inch “	37,911 “
4-inch “	42,609 “
1-inch “	9,236 “
$\frac{3}{4}$ -inch “	7,936 “

Total,	130,369 ft.
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—equal to 24.692 miles.

1,480 service pipes, or 31,987 feet.

93 public hydrants.

8 private hydrants.

130 stop-gates.

Water is now supplied for the following uses :

1673 families,	1 post-office,
126 bath-tubs,	85 stores,
237 water-closets,	3 railroads,
263 wash-basins,	1 gas-works,
43 urinals,	22 stationary engines,
658 yard hydrants,	2 book-binderies,
93 fire hydrants,	4 printing establishments,
8 private fire hydrants,	2 organ manufactories,
30 heating apparatus,	4 carriage manufactories,
4 hotels,	1 soap manufactory,
3 greenhouses,	4 public watering-troughs,
10 fountains,	5 photographers,
5 churches,	2 foundries,
4 school-houses,	1 tannery,
1 state house,	1 bakery,
1 state prison,	4 eating-houses,
7 livery stables,	23 mechanics' shops,
353 horses and cows,	9 barber shops,
1 Odd Fellows' hall,	8 saloons,
1 Masonic hall,	1 jail,
5 city buildings,	4 cemeteries,
47 offices,	2 street sprinklers,
6 banks,	1 drinking fountain.

TABLE

Showing Receipts and Expenditures by Superintendent.

RECEIPTS FOR THE YEAR 1877.

Feb. 1. Amount received, as per register,	
from Jan. 31, 1877, to Feb. 1, 1878,	\$20,220.17
Extra per cent. from delinquents,	74.85
For building purposes,	16.20
use of meters,	62.20
rent of stable at dam,	43.33
rent of Cooledge house and lot,	90.03
hydrant and iron pipe sold N. H. Asylum,	256.25
	<hr/> \$20,763.03

EXPENDITURES.

Paid Nathaniel White, rent of office,	\$300.00
Geo. Goodhue, pipe, &c.,	495.59
V. C. Hastings, salary,	1,200.00
Morrill & Silsby, printing, &c.,	62.99
Woodbury & Batchelder, printing, &c.,	7.50
Concord Gas-Light Co., gas,	16.50
Ranlet & Prescott, coal,	18.75
G. S. Locke & Co., coal,	18.12
V. C. Hastings, incidentals,	21.28
A. & G. A. Foster, horse-hire,	28.00
C. H. Norton & Son, horse-hire,	13.50
Stephen Sewell, trucking,	7.18
C. P. Rowell, trucking,	4.00
Geo. F. Sewell, trucking,	17.00
A. S. Farnum, trucking,	3.60
Humphrey, Dodge & Co., tools, &c.,	65.42
Gust Walker, drain pipe, &c.,	48.50
Stevens & Duncklee, iron-work,	16.80
John A. White, machine-work,	3.70
Ford & Kimball, castings,	9.36
D. O. Smith, smith-work,	17.83
D. B. Webber, smith-work,	7.60
Simeon Partridge, smith-work,	53.81
Batchelder & Co., salt and oil,	2.40
Levi Roby, block and falls,	6.60
Hammond & Ayers, matting,	2.13
Union Water Meter Co., meter,	30.80

Paid Ludlow Valve Manufacturing Co.,	
valve and castings,	\$28.25
Jarecki, Hays & Co., gate boxes,	7.20
American Steam Gauge Co., gauge,	85.00
Nathaniel White, pipe,	80.00
American Water & Gas Pipe Co.,	
pipe,	575.75
Concord Railroad, freight,	46.85
Miss V. H. Johnson, counter,	30.00
John Eves, stop-cock,	1.75
Robert Sunderland, labor—painting,	13.00
C. H. Martin & Co., lead, &c.,	7.03
L. R. Fellows, incidentals,	2.45
Charles C. Lund, drawing plans, &c.,	241.75
E. W. Woodward, service pipe,	9.79
John H. Morse, service pipe and la-	
bor,	11.85
Frank Coffin, cement,	82.00
B. F. Putney, labor,	10.35
C. L. Fellows, labor,	7.43
Charles McCarthy, labor,	1.50
John Foley, labor,	3.12
J. L. Mason, labor,	1.50
Edwin Byrnes, labor,	249.68
Charles Byrnes, labor,	9.69
Edwin Byrnes, pay-roll,	363.94
L. R. Fellows, pay-roll, overflow,	561.78
Geo. W. Whittier, " "	61.24
O. F. Richardson, labor, &c.,	14.75
Holt Bros., lumber,	29.54
E. B. Hutchinson, lumber,	32.19
City of Concord, lumber,	23.82
Whittemore & Kimball, lumber,	80.75
L. Dow, labor on kit shop,	81.00
E. B. Hutchinson, building barn,	300.00
Thornton & Farnum, stone,	80.25
Granite Railway Co., "	28.00
Fuller & Pressey, "	102.50
A. J. Holmes, "	234.00
Hiram Farnum, drawing stone,	92.87
John K. Abbott, land damage,	239.00
B. & C. H. Farnum, land damage,	44.40
	<hr/>
	\$6,354.33

Divided as follows:

For land damages,	\$283.40	
distribution and service pipe,	1,015.98	
care and maintenance of Works,	2,317.07	
rebuilding overflow,	1,362.53	
enlargement of stable at dam,	300.00	
repairs of kit manufactory,	225.00	
new pipe (not yet laid),	622.60	
plans of street mains and service pipes,		
in detail,	227.75	
	<hr/>	\$6,354.33

TABLE

Showing Estimate of Receipts and Expenditures for 1878.

RECEIPTS.

From water-rents,	\$21,000.00
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EXPENDITURES.

For interest on the water debt,	\$21,000.00	
Maintenance and care,	2,500.00	
Extension of mains,	1,000.00	
New service pipe,	500.00	
	<hr/>	25,000.00
Excess of expenditures over receipts, to be provided for by taxation,		<hr/> \$4,000.00

TABLE

*Showing Financial Statement of the Concord Water-Works,
by City Treasurer.*

SAMUEL C. EASTMAN, *Treasurer*, in account with the Water-Works for the year ending January 31, 1878.

RECEIPTS.

Balance of cash on hand Feb. 1, 1877,	\$2,787.85	
Received from the city of Concord, being the precinct tax,	4,500.00	
Received for water-rents,	20,763.03	
	<hr/>	\$28,050.88

EXPENDITURES.

Interest on bonds,	\$20,754.00	
Maintenance, extensions, &c.,	6,354.33	
	<hr/>	\$27,108.33
Balance, cash on hand,		942.55
		<hr/>
		\$28,050.88

Respectfully submitted,

SAMUEL C. EASTMAN, *Treasurer*.

CONCORD, N. H., Feb. 1, 1878.

We have examined the foregoing account, and find that all the payments therein recorded are duly authenticated by proper vouchers, the several items correctly cast, and the amount of cash on hand to be \$942.55.

GEORGE A. PILLSBURY,	} Committee on Finance.
JOHN G. TALLANT,	
LEWIS B. HOIT,	
ARAM B. SMITH,	

TABLE

Showing the Height of several Points of Interest above the base or datum line at low water mark at Merrimack river, Lower Bridge.

Mudsill on bottom of old gate at foot of Long Pond,	169.55
High-water mark, as claimed by Messrs. Holden,	179.17
Bottom of well-house at Long Pond,	165.50
Top of well-house at Long Pond,	188.00
Bottom of conduit at well-house,	167.00
“ “ gate-house,	166.00
Bottom of gate-house,	164.50
“ supply-pipes in gate-house,	166.00
“ large pipes in gate-house,	169.50
Top of dam,	187.00
“ overflow,	184.75
Extreme low water,	167.00
“ high water,	184.75
Main pipe at meter-house,	164.00
Holden's upper mill-pond,	126.74
“ lower mill-pond,	99.14
Humphrey's mill-pond,	60.02
Highway at city farm,	104.00
“ Benjamin Farnum's,	91.00
“ entrance to Blossom Hill Cemetery,	83.00
Intersection of Penacook and State streets,	60.00
“ “ Northern Railroad,	23.20
Horse Shoe Pond,	8.65
Main street, at J. B. Walker's,	40.00
“ Washington,	54.00
“ Smoky Hollow,	43.00
“ Eagle Hotel,	57.00
“ Pleasant street,	51.00
“ Abbot Downing Company's,	54.00
Railroad track, at the station,	27.10
“ Ferry street,	22.50
Intersection of State and West streets,	53.50
“ Pleasant and South streets,	70.00
“ Warren and Green streets,	65.00
Summit of Pleasant street, near asylum,	122.00
“ Warren street,	121.00
“ School street, near Judge Sargent's,	142.00
“ “ on Warde, Humphrey & Weston's land,	158.00
“ Centre street, near Charles Ballard's,	133.00

Summit of Centre street, on Warde, Humphrey & Weston's land,	\$169.00
State street, at state house,	67.00
“ prison,	79.00
Intersection of Walnut and Washington streets,	102.50
“ “ Church streets,	135.00
Summit, on Church street,	139.00
South end of Main street bridge, Fisherville,	96.24
Intersection of Main and Washington sts., Fisherville,	119.56
Surface of water in canal on East Canal st., Fisherville,	95.31

REPORT

OF THE

COMMITTEE ON CITY FARM.

To the City Council :

The undersigned, Joint Standing Committee on the City Farm, respectfully submit the Twenty-fifth Annual Report of the receipts and expenditures of the Farm, for the year ending Feb. 1, 1878, with the inventory belonging thereto. Your committee are satisfied that the inmates at the Farm have been properly cared for, and we are pleased to report a large increase in the products of the Farm over previous years, but at the same time have thought best to make a large reduction in the appraisal of the personal property. The great depreciation in value, if kept up to the appraisals of previous years, would not give a fair showing of the property belonging to the Farm ; therefore we have thought best to appraise articles at their market value at the present time, that the citizens of Concord might have a correct understanding of its financial condition.

JOHN G. TALLANT,
GEO. F. UNDERHILL,
IRA C. PHILLIPS,

Committee on City Farm.

INVENTORY OF PROPERTY AT CITY FARM, FEB. 1, 1878.

City Farm and buildings, \$15,000.00

LIVE STOCK.

11 cows,	\$385.00	
2 horses,	300.00	
11 hogs,	170.00	
40 fowls,	30.00	
1 horse at city stable,	100.00	
	<hr/>	\$985.00

HAY AND GRAIN.

8 tons English hay,	\$160.00	
14 " stock hay,	196.00	
4 " oat straw,	48.00	
9 " corn-fodder,	108.00	
53 bushels rye,	53.00	
400 " corn,	400.00	
120 " oats,	60.00	
	<hr/>	\$1,025.00

FARMING TOOLS.

1 ox-cart,	\$20.00
1 ox-wagon,	60.00
5 plows,	50.00
1 ox-sled,	20.00
1 " (traverse),	40.00
1 express wagon,	75.00
1 Concord "	35.00
1 pung sleigh,	40.00
1 two-horse traverse sled,	30.00
1 mowing-machine,	50.00
1 horse-rake,	5.00
2 buffalo robes,	25.00
5 yokes,	20.00
2 cultivators,	10.00
3 harrows,	15.00
1 hay-cutter,	15.00
1 set harness,	40.00
1 "	15.00

1 single harness,	\$15.00
1 set draft harness,	15.00
7 hay-forks,	3.50
12 feed-boxes,	2.00
1 two-horse cart,	50.00
1 two-horse wagon,	100.00
2 cart-spires,	5.00
1 fan mill,	14.00
4 one-bushel baskets,	2.00
5 baskets,	2.50
1 set dry measures,	1.50
5 manure-forks,	3.75
6 draft chains,	7.50
4 small chains,	1.00
6 hoes,	3.00
2 garden hoes,	1.00
2 manure hooks,	1.60
6 shovels,	5.00
1 pick,	1.00
5 whiffletrees,	10.00
2 iron bars,	3.00
1 witch-chain,	1.00
1 ox-cart body,	15.00
1 screw wrench,	1.00
1 hammer,	1.00
4 corn-cutters,	.80
4 ox-muzzles,	2.00
2 steelyards,	1.50
1 mallet and 4 chisels,	2.50
1 garden rake,	.40
2 cross-cut saws,	6.00
1 jack-screw,	5.00
1 bit-stock and 13 bits,	4.00
1 scalding-tub,	4.00
1 stone body,	4.00
1 hand-saw,	1.00
1 pair pole straps,	3.00
4 halters,	4.00
1 drag-rake,	1.00
3 planes,	3.50
3 augers,	2.00
5 axes,	3.75
2 grindstones,	6.00

4 scythes and snaths,	\$2.00
4 bush scythes and two snaths,	4.00
50 feet rope,	1.00
10 rakes,	2.00
1 spread chain,	1.50
4 wood-saws,	3.00
1 stone drag,	5.00
4 ladders,	4.00
1 wheelbarrow,	5.00
1 spade fork,	1.00
1 branding-iron,	1.00
1 oil-stone,	1.00
1 pair whiffletrees and evener,	3.50
1 saw-set,	1.00
1 grain cradle,	3.50
	<hr/>
	\$17,932.70

PROVISIONS AND FAMILY STORES.

125 lbs. ham,	\$12.50
300 " salt pork,	33.00
200 " " beef,	16.00
40 " lard,	5.00
6 " butter,	1.80
15 gals. pickles,	7.50
2 " vinegar,	.80
2 vinegar casks,	2.00
$\frac{1}{2}$ bbl. flour,	4.25
5 bbls. meal,	12.50
50 flour barrels,	5.00
35 cords dry wood in shed,	140.00
70 " green wood at door,	140.00
1000 feet lumber,	8.00
1 meat-saw,	1.25
$\frac{1}{2}$ doz. files,	1.00
Dairy utensils,	10.00
2 bushels salt,	1.20
$\frac{1}{2}$ bushel fine salt,	.50
5 lbs. tea,	2.50
2 " coffee,	.80
100 cabbages,	8.00
1 bbl. apples,	3.00
60 gals. cider,	6.00

10	cider casks,	\$4.00	
150	bushels potatoes, No. 1,	90.00	
15	“ potatoes, No. 2,	4.50	
50	“ beets,	50.00	
75	“ mangolds,	22.50	
40	“ carrots,	24.00	
2½	“ white beans,	7.50	
3	“ speckled beans,	7.50	
10	“ sweet turnips,	5.00	
1	whitewash brush,	1.00	
1½	bbls. soft soap,	5.00	
		<hr/>	\$643.60

HOUSEHOLD FURNITURE.

1	washing-machine,	\$7.00	
1	clothes-wringer,	8.00	
Beds, bedding, and furniture,		600.00	
		<hr/>	\$615.00
			<hr/>
			\$19,191.30

RECEIPTS.

LUCIUS L. FARWELL, <i>Sup't</i> ,		Dr.	
To cash for labor, men, and team,		\$122.75	
wood and lumber,		278.12	
potatoes,		39.33	
hay and straw,		234.00	
vegetables,		35.09	
meat and lard,		20.37	
milk, butter, and eggs,		426.68	
neat stock and one horse,		601.00	
corn, rye, oats, and beans,		87.62	
swine,		80.82	
fowls,		23.27	
board of county paupers,		696.00	
“ prisoners,		120.00	
keeping tramps,		93.00	
sundries,		69.22	
		<hr/>	\$2,927.27

EXPENDITURES.

LUCIUS N. FARWELL, <i>Sup't</i> ,	Cr.
By cash paid for labor,	\$843.14
groceries,	464.82
grain and meal,	49.15
blacksmithing,	104.67
meat and fish,	102.96
fowls,	13.25
swine,	82.00
neat stock,	447.50
dry goods, boots, and	
shoes,	72.55
hardware,	31.23
sundries,	172.46
supt's salary,	600.00
	<hr/>
	\$2,983.73
Deficiency,	<hr/>
	\$56.46

STATEMENT.

Appraised value of farm and buildings,	
Feb. 1, 1877,	\$15,000.00
Appraised value of personal property,	
Feb. 1, 1877,	4,583.00
	<hr/>
	\$19,583.00
Appraised value of farm and buildings,	
Feb. 1, 1878,	\$15,000.00
Appraised value of personal property,	
Feb. 1, 1878,	4,191.30
	<hr/>
	\$19,191.30
Decrease,	<hr/>
	\$391.70

Names and ages of paupers at City Farm, Feb. 1, 1878:

James W. Powers, aged 75.
 Eleazer Davis, aged 87.
 John B. Crummett, aged 70.
 Joseph Glines, aged 81.
 John Euran, aged 83.
 Joseph H. Morrill, age unknown.
 Sarah Jane Sargent, aged 47.

Name of pauper who died during the year :

Henry Babb, Nov. 27, 1877, aged 56.

Number of paupers at the Farm, Feb. 1, 1878, 7

Number of different paupers at the Farm during the year, 18

Names of paupers discharged during the year :

James Drew, May 28, 1877.

Charles H. Thompson, March 23, 1877.

George H. Young, April 15, 1877.

Obed Steward, June 28, 1877.

Jeremiah Arlin, June 28, 1877.

Emma J. Sargent, January 17, 1878.

Nettie Powell, October 15, 1877.

Edward Wilson, December 11, 1877.

Frederick Stevens, November 8, 1877.

Dominico Guinazza, May 28, 1877.

Number of tramps lodged during the year, 93

Number sentenced to house of correction, 3

TENTH ANNUAL REPORT

OF THE

OVERSEER OF THE POOR FOR THE YEAR ENDING
JANUARY 31, 1878.

To the Board of Mayor and Aldermen :

GENTLEMEN : The undersigned herewith submits his Tenth Annual Report of the expenditures for the poor, exclusive of those at the almshouse, for the year ending Jan. 31, 1878.

CITY PAUPERS.

Name.	Nationality.	Amount.
John Harrington,	Irish,	\$152.03
Wm. Fagan,	Irish,	12.75
Mrs. Orrison Dudley,	American,	112.25
Mrs. Henry Hall,	American,	18.95
Morris Lamprey,	American,	19.00
Archibald Martin,	American,	7.00
Mrs. Edward Hodgman,		151.25
John J. Burke,	Irish,	45.00
N. K. Emery,	American,	3.00
Mrs. Clarissa Randall,	American,	27.75
John Davis,	American,	12.00
Geo. W. Foote,	American,	10.00
Francis F. Hoit,	American,	19.00
Mrs. James K. Page,	American,	78.00
Mrs. Harvey L. Chandler,	American,	9.00
John J. Dadmun,	American,	8.00
Mrs. John F. Burke,	Irish,	8.00
Chas. H. Johnson,	American,	110.50

Name.	Nationality.	Amount.
Mrs. James Crowther,	American,	\$67.50
Zach. C. Arlin,	American,	27.25
Chas. Hodge,	American,	16.40
John Bresnehan,	Irish,	3.25
Alfred Shaw,	American,	8.00
Mrs. John O'Brien,	Irish,	3.00
Mrs. Ralph R. Evans,	American,	30.25
J. Everett Hutchins,	American,	24.00
Timothy Dorety,	Irish,	10.00
Henry W. McMichael,	Irish,	12.00
Mrs. Joseph P. Carpenter,		22.75
		<hr/>
		\$1,027.88

CR.

Received from town of Weare, for aid to C. H. Johnson and family,	\$110.50	
Received from town of Campton for support of family of Ed. Hodgman,	132.25	
Balance due from town of Campton,	19.00	
Received from other sources,	80.30	
	<hr/>	\$342.05
		<hr/>
		\$685.83

Paid asylum for the insane, as follows :

For support of Joseph Carpenter,	\$135.40	
Abner F. Durgin,	228.03	
Ellen M. Summers,	221.48	
Betsey Haines,	35.24	
	<hr/>	\$620.15
Paid state reform school, maintenance of Emma Sargent,		5.14
		<hr/>
		\$1,311.12

COUNTY PAUPERS.

Aid to county paupers resident in Concord, as follows :

Godfrey Jacobs, Jr., French,	\$23.00
Mrs. James Flynn, Irish,	18.00
Mrs. Lucretia Danforth, American,	1.92
James Buckley, French,	1.75
Jeddie Welcome, French,	8.00

Mrs. Ellen Mahoney, Irish,	\$17.00
Hiram Stevens, American,	6.00
Joseph Goddett, French,	26.31
Mrs. Isaac Mason, French,	18.00
Geo. C. Beckett, Irish,	78.00
Nelson Florence, French,	58.73
Mrs. Nancy Dorety, Scotch,	64.00
Michael Martin, Irish,	12.37
Jeremiah Lynch, Irish,	27.00
Mrs. Ellen Geary and daughter, Irish,	16.78
Mrs. Martin Deveney, Irish,	104.00
Mrs. Daniel Blackstone, Irish,	60.77
John K. Lang, American,	15.00
Mrs. Wm. Hannigan, Irish,	5.80
Joseph Cote, French,	3.00
Mary Storin, Irish,	6.00
Mrs. Thomas Coty, French,	72.00
Georgiana Powell, American,	50.28
Mrs. Levi Fortia, French,	10.75
Mrs. Nancy O'Hara, Irish,	10.75
Sylvester Kiggens, Irish,	6.00
Mrs. Ellen Woods, Irish,	9.25
Benj. G. Tucker, American,	14.00
Martin Farrell, Irish,	6.00
Paul Myartt, French,	94.57
Simon F. Drew, American,	17.70
Edward R. Stevens, American,	22.50
Eleazer Bazro, French,	11.00
Narcissus LeClair, French,	2.00
Fred Trudeau, French,	43.65
Abial Stevens, American,	16.00
James Plimpton, English,	13.07
Mary M. Cilley,	10.00
Children of Thomas Sullivan, Irish,	30.00
Rosannah Larkin, Irish,	6.00
Mrs. Wm. McKay, English,	6.00
Mrs. Rose Mary Allen, Irish,	8.00
William Ward, American,	6.00
Albert Wright, American,	3.00
Moses Worley, English,	4.12
Geo. Worley, English,	4.13
Daniel H. McLaughlin, Irish,	5.49
Willis Sargent, American,	20.00

James A. Ashley, American,	\$8.00
Thomas Haines, American,	12.49
Fred W. Story, American,	8.25
Mrs. Robert Smith, American,	9.00
Chas. F. Guild, American,	3.00
Mrs. Joseph Mitchell, French,	1.50
Mrs. Abby Livingston, Irish,	35.25
Mrs. Phebe Larabee, American,	42.50
Mrs. Eliza Sargent, American,	5.00
Geo. Taylor, American,	3.70
James P. Sleeper, American,	7.50
Patrick Kennedy, Irish,	5.75
Joseph Giddis, French,	8.00
Charles L. Weeks, American,	8.25
Edward T. Wight, American,	142.60
Joshua S. Griffin, American,	22.50
Charles Flanders, American,	3.00
Joseph Gendron, French,	9.00
Susan Jones, French,	25.50
Mrs. John Trato, French,	72.15
Mrs. Elizabeth Hall, at asylum,	21.74
Ellen Reardon, at asylum,	11.23
Chas. A. Bowen, at asylum,	4.00
James C. Rowe, American,	10.75
Mrs. Mary Owens, Irish,	160.00
Mrs. Amelia Bassett, French,	6.00
Sarah A. Dudley, American,	104.00
Mrs. R. T. Orr, American,	36.57
Mrs. Wm. Downing, Irish,	18.00
Joseph O. Perkins, American,	11.32
Charles M. Buckman, American,	6.00
Lovell J. Sherman, American,	5.00
Mrs. Priscilla C. Walker, American,	58.00
Mrs. Anna Holland, American,	52.00
Mrs. Emily Suppy, French,	6.00
Mrs. Patrick Desmond, Irish,	54.00
John F. Brown, Jr., American,	29.24
Mrs. Patrick O'Flanagan, Irish,	51.00
Gardiner K. Knowles, American,	122.00
Mrs. Elizabeth Clary, Irish,	10.00
Mrs. Nancy Pearson, American,	78.00
Israel Shepard, American,	52.00
Fred Larry, French,	21.25

Levi Marston, American (deceased),	\$37.00
Bennett Pratt, American,	16.25
Mrs. Edmund N. Clinton, American,	17.25
Wm. Tonkin, English,	6.25
Mrs. Richard Cooper, American,	106.00
Moses Danforth, American,	98.66
Mrs. Callahan McCarty, Irish,	52.00
Mrs. Arvilla Bontin and child, French,	6.60
Mrs. Harriet Ash, American,	1.00
Mrs. Sarah C. Stevens, American,	4.00
George Washington, colored,	2.50
Johnson Wells, American,	15.00
Mrs. Amasa Ramsdell, American,	26.82
Arthur Shay, Irish,	6.25
Sarah A. Wilson, Irish,	2.00
Julius Ransom, American,	14.50
Transient paupers,	58.90

Amount expended for county paupers off the farm,	\$2,905.71
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In addition to the above, twelve persons, charge- able to the county, have been supported at the city almshouse—five for the entire year, the remainder for a less period—at an expense of	722.00
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Total amount expended by the city for the sup- port of county paupers the past year,	\$3,627.71
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Four hundred and thirty-three applications for aid were received at this office the past year.

TOTAL EXPENDITURES.

City paupers, including Fisherville,	\$685.83
“ at asylum,	620.15
“ at reform school,	5.14

\$1,311.12

County paupers, including Fisherville,	3,627.71
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For the year ending Jan. 31, 1878,	\$4,938.83
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Expenditures for the year ending Jan. 31, 1877 :

City paupers, including Fisherville,	\$808.54	
“ at asylum,	708.53	
“ at reform school,	104.00	
	<hr/>	
	\$1,621.07	
County paupers, including Fisherville,	3,381.70	
	<hr/>	
		\$5,002.77

Respectfully submitted,

C. F. STEWART, *Overseer of Poor.*

REPORT

OF THE

CITY PHYSICIAN.

To the City Council :

It is safe to assume that the past year has been a very favorable one for the public health in our city. No epidemic or wide-spread contagious influence has been among us ; our death rate is still below that which is given as normal, furnishing good evidence that Concord is a very healthy city. Of those assisted by the overseer of the poor, very few have required medical aid. The condition of those at the City Farm will compare well with previous years. One death has taken place there, which was from a constitutional disease contracted before going there.

It must of necessity happen, that most of those who are obliged to seek a home at the hands of the city are advanced in years and broken in constitution. Their general good health is evidence that all of their wants are well supplied. Much credit is due the superintendent and his estimable wife, who have been untiring in their efforts for the comfort and happiness of those under their charge.

MORTUARY STATISTICS.

Public institutions :

State prison (1877),	11
Hospital for the Insane (1877),	17.
County Jail (1877),	0
City Farm,	1

In the city there have been 209 deaths. Placing our population at 14,000, our death rate has been one in 67, very nearly, or 15 in 1,000. This is two less per thousand than that given as normal by registrars in this country. The largest number of deaths in any ward was in Ward 4 (57); smallest number in Ward 3, which was only 10. Greatest number occurred in the month of February; least number in May.

These statistics are very imperfect. First, I have no means of ascertaining the number of our inhabitants; second, the returns of deaths are not complete. I am satisfied that deaths occur in our midst that are never reported. This happens mostly among infants. A child that is born alive, and dies in a few hours or days, is as much a death as if it had lived a few years and then died, and should be reported.

The ordinance passed by the city government will, if enforced, insure the *complete* return of births and deaths. It is so simple that there can be no good reason why another year an accurate estimate of vital statistics cannot be had, and place us alongside of those cities that do this.

An ordinance passed Dec. 29th, 1877, to be in force from and after March 1, 1878, provides that the city clerk shall be registrar of vital statistics, shall keep a full record of births and deaths in the city, and shall issue permits for burials. Every physician or midwife who attends or assists at the birth of a child in Concord, whether *still-born* or not, shall report the same to the registrar within six days thereafter. It further provides that no burial shall be allowed without the friends of the deceased first obtaining a certificate of cause of death, etc., from the attending physician, said certificate to be given to the undertaker or superintendent of the burial, who shall add to the certificate the place and date of interment, return to the registrar within twenty-four hours after such death, and receive a permit for burial. If death occurs from some contagious or infectious disease, then the certifi-

cate shall be made immediately. When death takes place in any part of the city not under control of the registrar, permits for burial may be granted in aforesaid manner by the clerk of the cemetery committee. In case of death without an attending physician, the city physician shall make certificate of the probable cause of death. If not satisfied, he shall report the same to the mayor.

Suitable blanks have been furnished each physician. In case of births he has simply to return by mail. These blanks will be kept on file, and at the end of the year the fee allowed by law—twenty-five cents for each certificate—will be received. It may be urged that this is too much *tape*, but if we stop to consider how much this may avail, other than furnish tables of vital statistics, all will say it is right. We shall have a full record of all persons that die in the city, when and where they are buried, which is likely to be of great importance in years to come, and it will be of still greater service to have a correct record of all births.

This is simply an effort towards the enforcement of a state law passed in 1858. I am sure every physician will do his part, and every citizen will see the necessity of this ordinance.

Respectfully submitted,

GEO. W. COOK.

Concord, N. H., Feb. 18, 1878.

REPORT OF THE BOARD OF HEALTH.

To the City Council :

We have the honor to report that the sanitary condition of the city the past year has been fully up to the standard of previous years. Very few complaints have made it necessary to call a meeting of the Board: the executive member, in most cases, has been able to adjust the difficulty.

The absence of data on which to base a report renders it impossible to make any other than simple assertions. From the best means we have of gaining information, we are safe in saying that our present water supply and system of sewerage has done much towards reducing the percentage of deaths from those diseases well known to result from the use of impure water and imperfect drainage. Not only has the death-rate been lessened, but the amount of sickness of a purely zymotic nature has fallen off to such an extent that when diseases of this class do occur there is generally no difficulty in finding the specific cause.

If these things are true (and we believe the better facilities you have given us for securing *vital* statistics will prove, in years to come), it is very proper that an enlightened and intelligent people should throw around the *source* of our water supply every safeguard, that it may be *kept pure*, and free from the least possible contamination.

Our sewers should be under the supervision of those properly informed on the subject of sewer-drainage, and should be carefully watched.

So much has been said—and well said—heretofore about these matters, that it would be reiteration for us to speak at length. Still, they are of such paramount importance that the attention of our citizens cannot be called too often to them; for these very agents which are calculated to prove such a blessing may be a curse. It is very doubtful if the water in any well in the thickly populated part of the city can be fit for use. It is well known that the distance by which the law of gravitation acts upon a well is three times the well's depth; that is, if the well is twenty feet deep, everything within a radius of sixty feet will gravitate towards the well. Is it not a matter of wonderment, then, that well-water is ever free from unhealthy compounds? The soil through which the water percolates, to a great extent acts as a filter and disinfectant; but if that soil is continually saturated with *foul* water, it will cease to act as a purifier, and well-water loaded with every kind of impurity will be the result. It is hoped that very soon every family will be supplied with water from the common source.

The past year has nearly completed the construction of our sewers, only about four thousand feet remaining unbuilt. Probably not more than one half the dwellings have been connected with the sewers, and of those the larger number have only connected their sink-drain, leaving the greater proportion of the old privy-vaults still in existence. This can be none other than pernicious, and very prejudicial to the public health. When we consider that such a large number of these vaults all over the city are not only the receptacles of human excrement, but of almost every kind of refuse, and of course undergoing decomposition all the time, subjected to the cleansing process rarely, and then in many cases not more than half done, we will have some idea of how great a source of disease they must be.

The healthfulness of a city is its capital; and when we have the means of obviating these great evils, it is certainly the duty of every one to avail themselves of them. Our

sewers have been built under the supervision of a scientific engineer, and are easy of access for inspection, and can be properly flushed when necessary. We have therefore one of the best systems of sewerage, but they will not take care of themselves. Proper ventilation and effective traps must be had, and in this climate great care will have to be exercised in order that they may be kept so. Sewer gas is an insidious enemy, and is likely to invade the dwelling, carrying disease, and many times death, before it when we least expect it. The prudent man will look well to these things, and every regulation enacted by city governments touching upon these subjects should be enforced to the very letter.

JOHN CONNELL,	}	<i>Health Officers.</i>
HENRY CHURCHILL,		
GEO. W. COOK,		

REPORT

OF THE

COMMITTEE ON SEWERS.

To the City Council:

The Committee on Sewers and Drains respectfully report that 19,398 feet, or 3.674 miles, of sewers have been laid within the precinct during the last season, of which 770 feet was 24 x 36 inch brick sewer, with Akron pipe inverts, and extends from the culvert across Main street, near the junction of Hall and Water streets, to Turnpike street, opposite Josiah Cooper's house, where it receives the sewers from Turnpike, Main, and State streets.

This portion of the sewer is intended for the main outlet of the Brook sewer, and the grade is so arranged that the Brook sewer, which now terminates about 150 feet south of West street, may be extended southerly to Allison street, and easterly through Allison and Turnpike streets to the head of the brick sewer built this year, and thus be led to the river. This extension of the Brook sewer will probably have to be made soon in order to quiet the complaints of land-owners upon the lower intervalle on account of the excessive amount of water discharged from the present terminus of the Brook sewer, and the stench arising from the sewage. To

complete this proposed connection will require about 2,300 feet of 24 x 36 brick sewer, of the same character as that laid the present year. When this connection is made, there will remain only about 2,000 feet of ten-inch pipe to be laid to complete the entire sewerage system of the city. The cost of the brick sewer laid this year was \$1.89 per foot.

There have also been constructed twenty-seven eighteen-inch man-holes, and fifty-three eight-inch lamp-holes, where necessary upon the main lines of sewer.

The following tabular statement shows the amount and size of Akron pipe sewers laid in the streets:

STREETS.	Sizes of Pipes.				
	8-in.	10-in.	12-in.	15-in.	18-in.
Academy, south from Washington.....	200				
Bradley, south from Walker.....		320	230		
north from Walker.....		184			
Bethel, south from outlet.....	225				
Chandler, west from railroad.....	170	230			
Clinton, west from South.....			255		
Downing, west from State.....	175	475			
Green, south from Prince.....	125				
Grove, north from Downing.....	170				
Hill's avenue, Railroad Square.....		420			
Laurel, west from State.....		530			
Main, north from West.....			882	768	
south from Fisk.....		218	432		
north from Fisk.....			850		
North Arch, west from State.....	175				
Perley, west from State.....		500			
west from Main.....	406				
Rumford, south from Washington.....	226				
State, north from Turnpike.....		370	560	1450	
South, south from West.....			600		
north from Downing.....	200				
School, west from Main.....				17	1004
Spring, north from Clinton.....		635			
Turnpike, north from outlet.....				790	
Tremont, east from Walnut.....	312				
Thorndike, west from State.....		550			
west from Main.....	386				
Walnut, south from Beacon.....	216				
north from Washington.....		390	210		

STREETS.	Sizes of Pipes.				
	8-in.	10-in.	12-in.	15-in.	18-in.
Walker, west from State.....	420	800 600	660		
West, east from State.....					
west from State.....					
east from Brook sewer.....			272		
Outlet, Bethel, to Jackson street.....			6	14	
Branch inlets to brick sewer.....					
Total,	3406	6222	4957	3039	1004

SUMMARY.

8-in. pipe,	3,406 feet.
10-in. " "	6,222 "
12-in. " "	4,957 "
15-in. " "	3,039 "
18-in. " "	1,004 "
24x36 brick,	770 "

19,398 feet,=3.674 miles.

Total number of feet laid in 1877,	19,398
Total cost (see financial report page),	\$18,188.51
Less pipe sold and transfers made (see pages 52, 53),	\$1,726.41
Less cost of relaying sewer on State street,	107.16
	<u>1,833.57</u>
	\$16,354.94
Add difference of amount of stock and tools on hand, 1878,	644.22
	<u>\$16,999.16</u>
Total cost of sewers constructed, 1877, or 87.63 cents per foot.	

Complete plans and profiles have been prepared, embracing the sewers laid to the present time, and which show the location of the various man-holes, lamp-holes, catch-basins, and other appurtenances of the system, and showing, also, the grades. The position of each inlet is indicated on the plans, to which reference may be had from time to time as entrances are made. A general plan of the city has also been prepared, which shows the entire sewerage system, so far as now completed.

GEO. A. PILLSBURY,	}	<i>Committee on Sewers & Drains.</i>
B. G. MERRILL,		
S. W. SHATTUCK,		

REPORT

OF THE

CEMETERY COMMITTEE.

To the City Council :

The Cemetery Committee beg leave to submit the following Report:

OLD NORTH CEMETERY.

RECEIPTS.

From sale of lots,	\$139.00	
interest on fund,	42.00	
	<u> </u>	\$181.00

EXPENDED.

Keeping grounds in order,	\$73.85	
	<u> </u>	
Balance cash on hand,	"	\$107.15

BLOSSOM HILL CEMETERY.

RECEIPTS.

From sale of lots,	\$1,533.35	
grass and wood,	44.60	
Due from Holt Bros., for lumber,	67.51	
	<u> </u>	\$1,645.46

EXPENDED.

Keeping grounds in order,	\$1,292.20	
	<u> </u>	
Balance,		\$353.26

As the various items of expenditure have been audited from month to month by the Finance Committee, and will appear in their report, they are not reproduced here.

During the year 105 rods of paving have been laid in the gutters beside the avenues, where most needed, which will remain a permanent improvement. The entire grounds have been mowed and raked over, and the trees trimmed, and a large amount of work expended upon the avenues in putting on gravel to make a hard road.

By a recent change in the ordinance, after this time one half the receipts from the sale of lots may be expended upon the grounds, and the other half is to be deposited in the city treasury, to constitute a permanent fund, the interest of which only is to be expended in keeping the grounds in order. This will in a few years enable the Cemetery Committee to make all needed improvements without further direct expense to the city; and we look forward to the time when a suitable fence shall be built around the entire cemetery, which will protect the lots from depredations which have been so annoying.

Respectfully submitted,

CHARLES C. LUND,
CHARLES WOODMAN,
JAMES H. CHASE,

Cemetery Committee.

REPORT

OF THE

TRUSTEES OF THE PUBLIC LIBRARY.

To the City Council :

The trustees of the Public Library present the following Report for the year 1877-8, supplemented by the Reports of the Librarian and Treasurer :

The library has been improved within the year, and now contains 7,047 volumes. Its use has been largely increased, as the following statement will show: In 1876 1,241 persons took 24,916 volumes from its shelves ; in 1877 1,178 patrons drew over 35,000 volumes ;—an increase of 40 per cent.

Since the last report, 286 volumes have been added to the library by purchase and by donation. A new supplement, just issued, shows that a considerable number of very valuable and costly books are among these additions. The trustees have acted upon the idea that if good books were furnished, good books would be sought and read. They have desired to give to the patrons of this library, so far as their judgment and the means at their command would allow, the works of the best authors upon the various topics introduced. They hope gradually to raise the general character of the library to a higher standard, and thus create a demand for the best literature.

REFERENCE LIBRARY.

A small adjoining room has been added to the former space, in which several hundred volumes have been set apart and separately catalogued. The room is sufficiently retired to be free from noise, is separately lighted, and furnishes ample facilities for reading, consultation, copying, etc.

These books are largely of a class not designed to be taken from the rooms. Among them may be found several of the encyclopedias,—Appletons's New American, 17 volumes; Chambers's, 10 volumes; Zell's, 3 volumes; McClintock & Strong's (Biblical, Theological, and Ecclesiastical), 10 volumes;—also, Cyclopedias on Agriculture, Civil Engineering, American and English Literature, Biography, Commercial Anecdotes, etc.; Dictionaries of English Literature and English and American Authors, on Science and Art, Machines and Engineering, and Noted Names of Fiction; Webster's and Worcester's Unabridged Dictionaries; Atlases of New Hampshire, the United States, and of the World; Illustrated Birds of North America, 2 volumes; the Scientific American and Supplement, 46 volumes; Lübke's Outlines of the History of Art, 2 volumes; Kugler's Hand-Book of Painting, 4 volumes; Darwin's Variation of Animals and Plants under Domestication, 2 volumes; Hitchcock's Geology of New Hampshire; works on History, Natural History, Architecture, Mechanics, General Science, Discovery, etc.

The student and scholar may here find books for reference which he may not feel able to place in his private library. The needs of the agriculturist and mechanic have been considered as fully as those of any class in this community.

READING-ROOM.

Adjoining and connected with the library rooms is the reading-room of the Young Men's Christian Association, where a number of the religious and daily and weekly secular papers may be found, together with reviews and magazines.

To promote quiet, the library floors have been covered with straw matting.

PRIVILEGES OF THE LIBRARY.

These additions allow the patrons of the library the privilege of calling for any book upon its shelves, for reading or for study, from 2 to 5 o'clock in the afternoon, and from 7 to 9 in the evening, without the use of cards, thus furnishing abundant opportunity for spending leisure hours with profit. For 25 cents a year a place of resort is provided, warmed, and lighted, and opportunity for self-culture and education extended to every person in the city. None can plead the want of privilege.

To the citizens of adjoining towns the use of the library is offered for one dollar a year.

The trustees respectfully solicit contributions of useful books from such citizens of Concord and vicinity as may be disposed to help increase the usefulness of their public library.

Respectfully submitted,

A. W. FISKE,
O. T. CLOUGH,
J. W. COLWELL,
F. D. AYER,
GEO. E. JENKS,
CHARLES C. LUND,
AMOS BLANCHARD,
Trustees of Public Library.

LIBRARIAN'S REPORT.

To the Trustees of Concord Public Library :

Your Librarian would respectfully submit the following report of the condition of the library at the close of the year :

Number of volumes in library at last report,	6,761
Additions made by purchase,	208
Additions made by donations,	78
Number of volumes now in library,	7,047

Eleven hundred and seventy-eight persons have used the library for a portion or the whole of the year, as shown by the record opened Jan. 21st, 1877. This is a slight decrease from the previous year.

The number of volumes charged has been thirty-five thousand, showing that the use of the books of the library is constantly on the increase.

It gives me pleasure to be able to report that the annual return of books was the most complete ever made to the library, the number of books missing being only twenty-six. Most of these had only been out a short time when the library was closed for the annual examination.

Among the donations of books made to the library this year, and which have been put on the catalogue, were the Scientific American, 35 volumes, by Geo. E. Jenks, Esq.; also 4 volumes Missionary Herald, and 1 volume The Sanitarian. From the Hon. S. N. Bell, 6 volumes U. S. Geological Survey of the Territories; Hon. E. H. Rollins, 2 volumes Reports on Agriculture of the United States, 1875,

1876, and Report on Finance, 1877; by a friend, 4 volumes Herbert Spencer's Works, 2 volumes Dr. Schenkel's Character of Jesus Portrayed, and 7 volumes Popular Science Monthly.

The rules to regulate the use of the books have generally been well observed by the subscribers, with the exception of the rule that relates to writing in the books. This rule is constantly broken by the readers; and, although it gives the librarian full power, it is almost impossible to check this abuse. If some means could be devised by the trustees by which this evil might be done away, it would be of great service to the librarian in the performance of his duties.

Respectfully submitted,

FRED'K S. CRAWFORD, *Librarian.*

TREASURER'S REPORT.

WM. P. FISKE, *Treasurer*,

IN ACCOUNT WITH CONCORD PUBLIC LIBRARY.

1877.	DR.		
Feb. 1.	To balance from last year,	\$125.57	
May 28.	part appropriation,	150.00	
	6 months' interest on Pierce fund,	30.00	
	6 months' interest on Lyon fund,	30.00	
July 26.	part appropriation,	100.00	
Oct. 5.	“	150.00	
1878.			
Jan 3.	To part appropriation,	400.00	
	6 months' interest on Lyon fund,	30.00	
	6 months' interest on Pierce fund,	30.00	
Jan. 19.	part appropriation,	200.00	
	cash receipts of library, from librarian,	216.55	
		\$1,462.12	

CR.

1877.		
Mar. 1.	By paid F. S. Crawford, salary,	\$37.50
2.	J. R. Osgood & Co.,	12.00
5.	Connell & Savory,	15.00
22.	for Sanitarian,	12.30

April 1.	By paid gas bill,	\$25.20	
2.	F. S. Crawford, salary,	37.50	
	Ranlet & Prescott,	9.13	
June 1.	F. S. Crawford, salary,	75.00	
18.	Munn & Co.,	10.00	
	A. F. Roberts,	36.00	
30.	F. S. Crawford, salary,	37.50	
July 1.	gas bill,	19.50	
	Rep. Press Ass'n,	16.25	
Aug. 1.	F. S. Crawford, salary,	37.50	
Oct. 1.	"	75.00	
	gas bill,	19.80	
	Hammond & Ayers,	6.57	
Nov. 1.	F. S. Crawford, salary,	37.50	
	Ranlet & Prescott,	15.75	
Dec. 31.	F. S. Crawford, salary,	75.00	
1878.			
Jan. 7.	C. O. Diedrich,	26.83	
	gas bill,	25.80	
22.	R. C. Danforth,	19.60	
	E. C. Eastman,	221.75	
	Griggs Bros.,	7.80	
	F. S. Crawford, binding,		
	etc.,	274.76	
	C. O. Diedrich,	30.98	
	E. C. Eastman,	141.84	
	F. S. Crawford, bill for		
	books and incidentals,	57.06	
	balance of cash on hand,	45.70	
			\$1,462.12

Respectfully submitted,

WILLIAM P. FISKE, *Treasurer.*

Concord, N. H., Feb. 12, 1878.

REPORT OF THE CITY SOLICITOR.

To the City Council :

There are at the present time three cases upon the dockets of our courts where the city is a party,—viz., Harlan P. Gage and wife *v.* Concord, which was entered at the October term, 1875, of the Supreme Court for Merrimack county; John F. Edgerly and wife *v.* Concord, which was entered at the October term, 1876, of said court, for said county; and Union School District No. 1 in Bow and 23 in Concord *v.* George A. Pillsbury *et als.*, which was entered in said court at the October term, 1877. In my last report will be found a statement with reference to the Gage and Edgerly suits. They are still awaiting trial. The third suit is brought to test the legality of the action of the city government in dissolving the union between School District No. 1 in Bow and No. 23 in Concord.

These suits are the only ones pending before any tribunal, and will probably be disposed of during the coming year.

CHARLES P. SANBORN, *City Solicitor.*

REPORT OF THE POLICE JUSTICE.

To the Mayor and Board of Aldermen of the City of Concord :

The Twenty-fifth Annual Report of the Police Justice is herewith submitted :

During the financial year ending with this date, eighty-four civil actions have been entered in the police court.

During the year twenty-eight persons of foreign birth have been admitted to citizenship, and eight others have made their primary declarations of intention to become citizens.

There have been, during the same period, one hundred and seventy-one arraignments before the court for alleged criminal offences, and those with which the city marshal and the assistant city marshal were connected are more particularly described in their respective reports of this date.

The police justice charges himself as follows :

For costs belonging to the city, received		
in criminal prosecutions,	\$173.13	
For fines received,	568.04	
For fees received in civil actions,	65.39	
	<hr/>	\$806.56

And discharges himself as follows :

Paid expenses, &c.,	\$6.12	
Paid city treasurer,	800.44	
	<hr/>	\$806.56

While the criminal business of the court, growing out of the use of intoxicating beverages, has fallen off during the past few months, its civil business has far exceeded in amount that of any previous year.

SYLVESTER DANA, *Police Justice.*

Jan. 31st, 1878.

REPORT OF THE CITY MARSHAL.

To the City Council :

GENTLEMEN :—I have the honor to submit a Report of the Police Department for the year ending Jan. 31, 1878.

The whole number of arrests made during the year, not including those made at Fisherville, was 264, as follows :

Intoxication,	90
Rude and disorderly conduct,	37
Larceny,	23
Assault,	22
For being out late at night,	18
Suspicious persons,	13
Noise, brawl, and tumult,	11
Keeping liquor for sale and selling liquor,	13
Fornication,	6
Vagrancy,	6
Insane persons,	4
For taking a store for less time than one year,	3
Common prostitute,	2
Keeping saloon open after 10 o'clock,	2
Breaking and entering,	2
Obtaining money under false pretences,	2
Breaking glass,	2
Picking pockets,	2
For digging up the street without a license,	2
Indecent conduct,	1
Embezzlement,	1
Bastardy,	1
For being a rogue,	1
	<hr/>
	264

Of the above cases 124 were arraigned before the police court, charged with the following offences, to wit :

Intoxication,	34
Assault,	22
Larceny,	17
Selling liquor, and keeping liquor for sale,	13
Rude and disorderly conduct,	9
Fornication,	6
Vagrancy,	5
For taking a store for a less time than one year,	3
Keeping saloon open after 10 o'clock,	2
For digging up the street without a license,	2
Breaking and entering,	2
Obtaining money under false pretences,	2
Common prostitute,	1
Breaking glass,	1
Bastardy,	1
Indecent conduct,	1
Picking pockets,	1
Embezzlement,	1
For being a rogue,	1

124

And were disposed of as follows :

Sentenced to pay fines,	83
Ordered to recognize to appear at the supreme court,	29
Sentenced to the house of correction,	6
Discharged,	4
Sentenced to jail,	1
Ordered to recognize to keep the peace,	1

124

Discharged from custody without complaint,	140
--	-----

Total,	264
Whole number of tramps accommodated at the station-house during the year,	596
Whole number of prisoners and lodgers,	860
Buildings found open and secured,	23
Respectfully submitted,	

JOHN CONNELL, *City Marshal.*

Concord, Jan. 31, 1878.

ASSISTANT CITY MARSHAL'S REPORT.

To the City Council:

The undersigned submits the following report of the police department in Ward 1, for the year ending Jan. 31, 1878:

Whole number of arrests made during the year, 53

Intoxication,	15
Assault,	5
Larceny,	4
Disorderly conduct,	2
Stealing horse,	1
Breaking and entering,	1
Bastardy,	1
Indecent exposure of person,	9
Vagabond,	1
Running away from home,	1
Larceny from the person,	1
Driving horse farther than stipulated,	2
Keeping liquor for sale,	1
Fornication,	2
Obtaining goods and money under false pretences,	3
Out late at night,	1
Keeping liquor in saloon,	1
Vagabond,	1
Adultery,	1
	<hr/>
	53

Of the above cases 36 were arraigned before the police court, charged with the following offences, to wit:

Intoxication,	13
Assault,	4
Larceny,	5
Disorderly conduct,	2
Breaking and entering,	1
Bastardy,	1
Larceny from the person,	1
Driving horse farther than stipulated,	1
Keeping liquor for sale,	1
Fornication,	2
Keeping liquor in saloon,	1
Adultery,	1
Obtaining goods and money under false pretences,	3
	<hr/>
	36

And were disposed of by the police court as follows:

Sentenced to pay fines,	25
Ordered to recognize to appear at the supreme court,	10
Discharged,	1
	<hr/>
	36
Discharged without complaint,	17
	<hr/>
Total,	53
Whole number lodgers accommodated at the station- house,	148
	<hr/>
Whole number of prisoners and lodgers,	201
Respectfully submitted,	

JOHN CHADWICK,
Assistant City Marshal.

Fisherville, Jan. 31, 1878.

CHIEF ENGINEER'S REPORT.

To the City Council:

In compliance with the City Ordinance relating to the Fire Department, I hereby present to you a report of the condition and workings of the department for the year ending January 31st, 1878.

The report contains a statement of the number of fires and alarms, together with the losses and insurance on same, as nearly as could be ascertained.

The report also contains the names, residences, and occupations of the officers and members of the department; and the number of hydrants in the city, location of the same, &c.

The apparatus of the department during the past year has been kept in good condition, and an addition of a seventy-foot extension-ladder has been made. There has also been purchased during the year 1,100 feet of new leather hose, manufactured by S. Eastman & Co., making a total of 6,000 feet now in use in the fire precinct. Of this amount, about 1,000 feet is of very little account, it having been in service for some years. It is, however, kept in readiness to guard against any contingency that may arise.

During the past year the Central Fire Station, on Warren street, has been provided with steam heating apparatus, and the entire building, including the hose tower, is now heated in a satisfactory manner.

The great difficulty experienced the past year in determining the locality of fires, seems to require that your attention should again be called to the necessity of establishing a *Fire*

Alarm, similar to those in use in a majority of the cities of the United States, believing it would be of great assistance to the department, by insuring the location of and a more prompt attendance at fires, thus being the means of saving much property that might otherwise be destroyed. The prompt means of knowing the exact location of a fire at the earliest moment cannot be over-estimated.

Since my last report a substantial and convenient brick building has been erected in Ward 2, for the use of Old Fort Engine Co. No. 2. It is fitted with a good hose tower, is heated with a furnace, and has all the conveniences necessary to protect the property entrusted to the care of the Company, and also furnishes suitable accommodations for the convenience and comfort of the members.

In conclusion, I wish to return my sincere thanks to the members of the Committee on Fire Department for their support and endorsement of all matters tending to the improvement of the department; and also to the engineers, officers, and members of the entire department, for the prompt, willing, and efficient manner in which they have responded to all the calls for their assistance.

Respectfully submitted,

JAMES N. LAUDER,

Chief Engineer F. D.

LIST OF FIRES AND ALARMS FOR THE YEAR
ENDING JANUARY 31, 1878.

Feb. 13, 1877. School-house at Fisherville, District No. 20. Loss, \$3,500; insured, \$2,500.

Feb. 18. House belonging to Rebecca Foster, at Fisherville. Loss, \$1,200; insured, \$1,000.

Feb. 21. C. C. Webster's store on main street. Loss, \$1,000; fully insured.

Mar. 23. Alarm caused by burning brush on High street.

Apr. 15. Jos. Welcome's house, Centre street. Loss \$300; fully insured.

July 5. Barn belonging to John Wild, Main street, Fisherville. Loss trifling.

July 18. R. O. Wright's store, Main street. Loss trifling.

Sept. 11. House owned by E. Morrill, South street. No damage.

Dec. 22. Tenement in Call's block, State street. No damage.

Dec. 27. Alarm at Fisherville, in response to a fire on Boscawen side.

Jan. 23, 1878. Barn owned by Jos. Stickney, near Free Bridge road. Loss, \$500; fully insured.

Jan. 26. Block owned by J. L. Pickering, Warren street. Loss, \$2,500; fully insured.

ROLL OF THE FIRE DEPARTMENT

FOR 1878.

CHIEF ENGINEER.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
JAMES N. LAUDER,	Master Mechanic, N. R. R.,	Franklin street.

ASSISTANT ENGINEERS.

JOSEPH S. MERRILL,	Carriage Trimmer,	State street.
N. H. HASKELL,	Painter,	Perley street.
CHAS. M. LANG,	Painter,	Centre street.
WM. D. LADD,	Iron Merchant,	Rumford street.
DANIEL B. NEWHALL,	Saloon-keeper,	School street.
MOSES H. BEAN,	Manufacturer,	Ward one.
CYRUS R. ROBINSON,	Manufacturer,	Ward two.
WYMAN W. HOLDEN,	Manufacturer,	Ward three.
WILLIAM D. LADD, Clerk.		

SCHEDULE OF PROPERTY.

Six fire suits, \$75; 6 badges, \$48; 8 fire hats, \$64; 6 lanterns, \$30;—total, \$217.

Miscellaneous property not in service.

Two hose-carriages, \$325; 2 brass trumpets, \$10; 3 bells, \$8; 1 set new grates for steamer, \$7; 2 brass crank boxes, \$4; 1 lignum-vitæ crank box, \$3; 3 extra lathes for pump packing, \$3; 3 extra pump valve guides, \$3;—total, \$363.

Schedule of Property at Central Fire Station.

One wheelbarrow, \$6; 2 vices, \$12; 1 fire-pot, \$4; 1 step-ladder, \$8.50; 1 ash-pail, \$3; 3 set hose clamps, \$4.50; 3 riveting bars, \$4; 1 setting-tool, \$1.50; 1 pair cut nippers, \$1.50; lot punches, \$2; ½ ton cannel coal, \$11.50; 3 cords slabs, \$6; 8 tons hard coal, \$68; 4 barrels coke, \$6; 1 grindstone, \$8;—total, \$146.50.

KEARSARGE STEAM FIRE ENGINE COMPANY.

OFFICERS.

GEO. L. LOVEJOY, <i>Foreman.</i>	B. FRANK HARDY, <i>Clerk.</i>
GEO. A. GLOVER, <i>Assist. Foreman.</i>	JAS. H. SANDERS, <i>Engineer.</i>

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
Geo. L. Lovejoy,	Carriage Painter,	Fayette street.
Geo. A. Glover,	Tinsmith,	State street, cor. West.
B. Frank Hardy,	Clerk,	Fayette street.
Warren F. Corning,	Hair Dresser,	Green street.
Jas. H. Sanders,	Carriage Painter,	State street, cor. Cross.
Chas. H. Sanders,	Machinist,	South street.
A. L. Currier,	Baggage Master,	Prince street.
D. W. C. Everett,	Clerk,	Auburn street.
C. S. Packard,	Painter,	Green st., cor. Warren.
C. C. Blanchard,	Carriage Painter,	Warren street.
E. A. Rix,	Carriage Trimmer,	State street.
A. P. Davis,	Freight Conductor,	State st., cor. Downing.
Lewis Wright,	Driver,	Engine House, War. st.

Schedule of Property—Steamer Kearsarge.

Steamer, \$3,200; hose-carriage, \$200; 12 fire suits and 13 fire hats, \$232.25; 10 reefing jackets, \$75; 2 blunderbusses, with spray nozzles, \$53; 1 hydrant coupling, \$16; 3 lanterns and 2 water-buckets, \$12; 1 smoke stack, \$10; 10 spanner belts, \$10; 10 sets spanners, \$19; 7 wrenches, \$5; 1 shovel, 1 bar, 1 axe, \$4; 1 poker, 1 oil-can, 5 feet rubber hose, 1 hammer, \$3.50; 1 reducer, \$2.50; 2 horse blankets, \$10; 1 mud apron, \$5; 1 jack-screw, \$5; 2 gallon oil-cans and 2 hydrant wrenches, \$5; 1 feather duster, 1 hand brush, \$3.75; 1 hydrant gate, \$12.50;—total, \$3,874.50.

EAGLE HOSE COMPANY, No. 1.

OFFICERS.

FRANK W. BLAKE, *Foreman.*G. W. JOHNSON, *Clerk.*JOHN H. TOOF, *Asst. Foreman.*

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
Frank W. Blake,	Clerk,	No. 16 Thompson street.
G. W. Johnson,	Painter,	No. 24 Main street,
Reuben R. Grant,	Blacksmith,	School street, near Main.
Frank F. Morse,	Carpenter,	Railroad Square.
Wm. T. Packard,	Moulder ¹	Centre street.
John H. Toof,	Carpenter,	Warren street.
John Marsh,	Driver,	Spring st., near Pleasant.
B. F. Colby,	Fireman,	Railroad Square.
C. J. Byron,	Baggage Master,	Railroad Square.
G. D. Huntley,	Carpenter,	Warren street.
F. H. Blanchard,	Blacksmith,	34 Warren street.
Addison L. Rice,	Clerk,	Green st., cor. Pleasant.

Schedule of Property—Eagle Hose, No. 1.

One four-wheeled hose-carriage, \$700; 1 two-horse pole, \$30; 1 hand pole and rope reel, \$10; 30 feet $\frac{3}{4}$ -inch rope, \$2; 12 fire hats, \$75; 12 reefing jackets, \$90; 14 canvas coats, 14 canvas overalls, \$140; 2 hand lanterns, \$5; 1 axe, \$3; 1 iron bar, \$2; 2 leather hose pipes, 1 Allen's spray and stop nozzle, 1 common nozzle, \$45; 2 reducing castings, \$5; 2 pails, \$1; 1 sprinkler, \$1; 2 chamois skins, \$1.25; 1 whip, \$1.25; 1 horse blanket, \$5; 2 oil-cans, \$1; 2 hydrant wrenches, \$4; 2 ladder straps, \$2; 4 sets spanners, \$4; spanner belts, \$3.25; 1 broom, .25; 1 hydrant gate, \$12.50;— total, \$1,145.50.

ALERT HOSE COMPANY, No. 2.

OFFICERS.

CHAS. C. CHESLEY, *Foreman*.
W. A. BEAN, *Asst. Foreman*.

B. F. TUCKER, *Clerk*.

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
Chas. C. Chesley,	Carpenter,	Prince street.
J. F. Scott,	Carpenter,	Franklin street.
B. F. Tucker,	Organ Manufacturer,	Jackson street.
B. Billsborough,	Painter,	Essex street.
W. A. Bean,	Organ Manufacturer,	Cedar street.
W. H. Davis,	Tailor,	Washington street.
E. A. Saltmarsh,	Moulder,	Walnut street.
F. S. Johnson,	Harness-maker,	Centre street.
C. A. Davis,	Blacksmith,	Washington street.
Hamilton Piper,	Carpenter,	Franklin street.
F. K. Favor,	Harness-maker,	Walnut street.
J. R. Smith,	Carpenter,	Centre street.

Schedule of Property—Alert Hose, No. 2.

Brick house and furniture, \$2,500; 1 four-wheel hand hose carriage, \$600; 12 fire suits, \$150; 12 fire hats, \$75; 6 spanner belts, \$9; 12 spanners, \$9; 2 blunderbusses and nozzles, \$40; 1 wrench and shovel, \$2.50; 2 hydrant wrenches, \$4; sponge and chamois skin, \$1.40; water-pail and dipper, \$1; dust-brush and broom, \$1; 13 straps for suits, etc., \$5; feather duster, \$4; copper boiler, \$8.50; carriage jack, \$2.60; 1 axe, \$1.50; rubber hose and nozzle, \$12.50; 1 hydrant gate, \$12.50;—total, \$3,439.50.

GOOD WILL HOSE COMPANY, No. 3.

OFFICERS.

STERLING COLBY, *Foreman.* N. G. CARR, *Clerk.*
 NORRIS A. DUNCKLEE, *Asst. Foreman.*

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
Sterling Colby,	Clerk,	Stickney's Block.
Norris A. Duncklee,	Stable-keeper,	Fayette street.
Norman G. Carr,	Jeweller,	Thompson street.
Herman D. Webster,	Wood-worker,	Grove st., cor. Perley.
John F. Bartlett,	Blacksmith,	West street.
David J. Rolfe,	Painter,	State st., cor. Laurel.
Wm. E. Dow,	Painter,	Turnpike street.
Benjamin T. Bickford,	Farmer,	State street.
Frank Pendergast,	Stone-worker,	Allison street.
Henry B. Shute,	Wood-worker,	State st., cor. Thompson.
Wm. R. Carter,	Blacksmith,	Fayette street.
E. L. Peacock,	Clerk,	State, near Laurel.

Schedule of Property—Good Will Hose Company, No. 3.

Brick house and furniture, \$3,000; 1 four-wheel hand hose-carriage, \$600; 12 fire suits, \$150; 12 fire hats, \$75; 6 spanner belts, \$9; 12 spanners, \$9; 2 blunderbusses and nozzles, \$40; 2 hydrant wrenches, \$4; sponge and chamois skin, \$1.40; water-pail and dipper, \$1; 1 feather duster, \$4; 1 broom and shovel, \$2; mop and spittoons, \$4.50; copper kettle, \$8.50; 50 feet hand hose, \$12.50; carriage jack, \$3.50; screw wrench, \$8.60; 1 hydrant gate, \$12.50; 1 axe, \$1; 1 oil-can, .40;—total, \$3,938.90.

HOOK AND LADDER COMPANY, "CITY OF CONCORD."

OFFICERS.

N. B. BURLEIGH, *Foreman.*JAMES KENNEDY, *Clerk.*JAMES JOHNSON, *Asst. Foreman.*

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
N. B. Burleigh,	Machinist,	Main street.
Andrew L. Lane,	Carriage-builder,	No. 1 Perley street.
Jos. H. Lane,	Carriage-builder,	No. 1 Laurel street.
C. A. Wright,	Car-builder,	Spring street.
Benjamin Onlette,	Carpenter,	No. 3 Jefferson street.
N. H. Shattuck,	Auctioneer,	State street, cor. Maple.
A. H. Webster,	Carriage-builder,	No. 44 State street.
Philip Plummer,	Carpenter,	No. 138 Spring street.
C. H. Smith,	Teamster,	Ferry street.
D. D. Jameson,	Blacksmith,	Thompson street.
Jas. Kennedy,	Hair-dresser,	Essex street.
Jas. Johnson,	Painter,	Jefferson street.
F. S. Abbott,	Clerk,	Hanover street.
Henry Gibney,	Painter,	Centre street.
Ned Shattuck,	Carpenter,	Main street.
Joseph P. Mansur,	Blacksmith,	Main street.
George Huntoon,	Wood-worker,	Laurel street.
W. W. Kennedy,	Upholsterer,	Essex street.
A. E. Clark,	Blacksmith,	State street.
S. R. Chandler,	Wood-worker,	Wall street.

Schedule of Property—Hook and Ladder Company, "City of Concord."

Carriage and apparatus, \$1,700; 20 fire suits, \$250; 20 fire hats, \$125;—total, \$2,075.

PIONEER ENGINE COMPANY, No. 1.

OFFICERS.

ROBERT CROWTHER, <i>Foreman.</i>	J. B. DODGE, <i>Clerk and Treas.</i>
JOHN H. ROLFE, <i>Asst. Foreman.</i>	E. E. ROLFE, <i>Steward.</i>

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
Robert Crowther,	Overseer,	Summer street.
John H. Rolfe,	Door-maker,	Summer street.
J. B. Dodge,	Glazier,	Charles street.
E. E. Rolfe,	Cabinet-maker,	Merrimack street.
John H. Moore,	Machinist,	Elm street.
Rufus Cass,	Machinist,	High street.
Eli Hanson,	Cabinet-maker,	Main street.
Geo. W. Corey,	Carpenter,	Charles street.
John W. Powell,	Moulder,	Centre street.
W. O. Tucker,	Mechanic,	High street.
Wm. Walsh,	Overseer,	Centre street.
Wm. W. Allen,	Merchant,	Main street.
H. P. Austin,	Cabinet-maker,	High street.
M. D. Boyce,	Excelsior-maker,	Depot street.
A. C. Bean,	Teamster,	Merrimack street.
Jas. S. Crowther,	Carpenter,	Summer street.
Charles Couch,	Teamster,	Summer street.
Fred. G. Chandler,	Farmer,	Depot street.
Michael Corbett,	Flour-packer,	High street.
Augustus Davis,	Blacksmith,	Main street.
Samuel N. Burdick,	Machinist,	Summer street.
Frank O. Emerson,	Axle-maker,	Tremont street.
E. P. Everett,	Axle-maker,	Merrimack street.
Fred. Ferrin,	Cabinet-maker,	High street.
Andrew Foley,	Axle-maker,	Centre street.
O. J. Fifield,	Harness-maker,	Washington street.
Patrick Foley,	Axle-maker,	Centre street.
Michael Griffin,	Laborer,	Rolfe street.
Hazen Knowlton,	Carpenter,	Depot street.
John C. Linehan,	Merchant,	Charles street.

MEMBERS — CONTINUED.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
Chas. G. Morse,	Cabinet-maker,	Merrimack street.
R. G. Morrill,	Teamster,	Washington street.
J. E. Marden,	Machinist,	Summer street.
Amos O. Mansur,	Painter,	Main street.
Abial Rolfe,	Insurance Agent,	Depot street.
Henry Rolfe,	Carpenter,	Depot street.
Abial W. Rolfe,	Door Manufacturer,	Depot street.
Arthur F. Rolfe,	Book-keeper,	Depot street.
George H. Sayer,	Machinist,	High street.
Lewis J. Sebra,	Carpenter,	Merrimack street.
Daniel Smith,	Butcher,	Summer street.
Samuel G. Sanborn,	Blacksmith,	Main street.
Nathan H. Dunbar,	Teamster,	Summer street.
Geo. W. Vanica,	Excelsior Manuf.,	Depot street.
John G. Ward,	Cabinet-maker,	Charles street.
Harry A. Clark,	Cabinet-maker,	High street.
A. E. Griffin,	Door-maker,	Charles street.
E. Miles,	Spinner,	Washington street.
Jas. Riley,	Carver,	Church street.
G. E. Rolfe,	Cabinet-maker,	Church street.

Schedule of Property—Pioneer Engine Company, No. 1.

Engine house and lot, \$800; 1 hand engine, \$800; 2 hose carriages, \$150; 1,000 feet 2-inch hose, \$1,000; 1 set runners, \$5; 4 lanterns, \$4; 2 axes, \$2; 1 crow-bar, \$3; 6 fire jackets, \$30; 3 stoves and funnel, \$30; 8 settees, \$25; 12 chairs, \$9; 1 oil-can and lamps, \$2; 1 fire-hook and rope, \$25; 8 spanners and wrenches, \$4; 1 ice-chisel, \$4; 3 pipes and nozzles, \$20; 1 blunderbuss, \$5; 1 ladder, \$5; 1 sprinkling-pot, .50; 1 broom, .50; 1 jack-screw, \$3; 6 hose clamps, \$20; 6 pair overalls, \$3;—total, \$2,940.

This is a Button machine, playing two powerful and effective streams. The machine and entire apparatus are in good order. The house is somewhat out of repair, and not of sufficient dimensions for the accommodation of all the apparatus. There are five reservoirs at Fisherville, valued at \$1,300.

OLD FORT ENGINE COMPANY, No. 2.

OFFICERS.

ROBERT H. POTTER, *Foreman.*JOHN E. FRYE, *Clerk.*JOHN N. HILL, *Asst. Foreman.*GEO. H. CURTIS, *Treasurer.*

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
Robert H. Potter,	Butcher,	Shawmut street.
John N. Hill,	Section man,	Penacook street.
John E. Frye,	Farmer,	Penacook street.
Edmund S. Curtis,	Farmer,	Curtisville.
Geo. H. Curtis,	Musical instr'm't mak'r,	Portsmouth street.
Wm. A. Bean,	Butcher,	Shawmut street.
Elbridge Emery,	Farmer,	Shawmut street.
Daniel B. Sanborn,	Farmer,	Shaker street.
Edward R. Noyes,	Teamster,	Shawmut street.
Lauren Clough,	Station agent,	Shawmut street.
Ora Hodge,	Teamster,	Mill street.
Job C. Jenne,	Carpenter,	Penacook street.
Jos. E. Plummer,	Farmer,	Penacook street.
Geo. W. Lake,	Farmer,	Penacook street.
Frank E. Sleeper,	Carpenter,	Shawmut street.
Lucius D. Bunnell,	Carpenter,	Penacook street.
Harrison Carpenter,	Hose-maker,	Penacook street.
Lucius A. Bunnell,	Carpenter,	Penacook street.
Ami Dubia,	Stone-cutter,	Penacook street.
Wm. Flanders,	Hose-maker,	Penacook street.
Wm. P. Curtis,	Farmer,	Curtisville.
Walter F. Lake,	Butcher,	Penacook street.
Chas. C. Chesley,	Blacksmith,	Penacook street.
Stephen Dustin,	Brick-maker,	Shawmut street.
Chas. J. White,	Harness-maker,	Penacook street.
John C. Hutchins,	Engineer,	Penacook street.
Anthony P. Cate,	Blacksmith,	Penacook street.
Henry H. Bean,	Farmer,	Shawmut street.
Orlando W. Coon,	Farmer,	Portsmouth street.
Seth A. Bunnell,	Carpenter,	East Clinton street.

Schedule of Property—Old Fort, No. 2.

House, \$2,700; engine and hose-carriage, \$500; 371 feet new leather hose, \$500.50; 300 feet old leather hose, \$150; 1 pole for two horses, \$16; fire hook and rope, \$15; 1 set runners, \$10; 6 settees, \$24; 2 stoves and funnel, \$6; 2 axes and one bar, \$3; 2 lanterns, and lamps, \$4; 2 fire suits, \$8; 6 chairs and table, \$3; 4 buckets, \$8; 2 whiffletrees and chains, \$2; stand, glass, and brush, \$1; 1 shovel, \$1; trumpet, \$5; 2 hose and ladder straps, \$3; 2 spanners, \$1.50;—total, \$3,961.

This is a Hunneman machine. Its hose and other apparatus are in good repair.

CATARACT ENGINE COMPANY, No. 3.

OFFICERS.

JOHN E. GAY, *Foreman.* J. M. CROSSMAN, *Clerk.*
A. R. FARNUM, *Asst. Foreman.* HARRISON PARTRIDGE, *Treasurer.*

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
John E. Gay,	Quarryman,	School street.
J. M. Crossman,	Blacksmith,	Main street.
Harrison Partridge,	Merchant,	Main street.
W. S. Lougee,	Stone cutter,	Hutchins street.
Patrick Crowley,	Quarryman,	Main street.
Joel D. Waller,	Mechanic,	Main street.
H. H. Farnum,	Teamster,	Main street.
George Partridge,	Kit-maker,	Main street.
John Matison,	Quarryman,	Main street.
John Harrington,	Mill operative,	Main street.
Jeremiah Quinn,	Mill operative,	High street.
Michael Jenkins,	Mill operative,	Main street.
Geo. H. Speed,	Stone-cutter,	Main street.
James Benson,	Quarryman,	Abbottville.
George Kemp,	Mill operative,	Main street.
Michael T. Hayes,	Mill operative,	Main street.
Thomas Daley,	Stone-cutter,	Mill street.
Robert Crowley,	Blacksmith,	Main street.
John Murphy,	Quarryman,	Main street.
Chas. Dimond,	Quarryman,	Abbottville.
O. A. Downing,	Quarryman,	Abbottville.
John Roberts,	Blacksmith,	Hutchins street.
John St. Clair,	Painter,	Main street.
A. R. Farnum,	Stone-cutter,	Main street.
A. A. Jackman,	Kit-maker,	Main street.
A. R. Farnum,	Farmer,	Main street.
T. H. Murray,	Painter,	Main street.
Edw. S. Parmenter,	Teamster,	Main street.
Timothy P. Rolfe,	Teamster,	Main street.
George Fuller,	Laborer,	Main street.

Schedule of Property—Cataract, No. 3.

House, \$911.80; engine and hose-carriage, \$600; 550 feet 2-inch leather hose, \$412.50; 316 feet new hose, \$440.95; 3 hose clamps, \$10.50; 1 pole, \$16; 1 set runners, \$10; 3 axes, 1 crow-bar, \$5; 2 fire suits, \$8; 4 buckets and 2 lanterns, \$12; 1 trumpet, \$5; 2 stoves and funnel, \$10; 8 settees, \$32; 1 signal lantern, \$3; 6 spanners and belts, \$5; 1 chain and whiffletree, \$2; 2 torches, \$1; 1 monkey-wrench, \$1.25; 3 hydrant wrenches, \$6; 3 reducers, \$7.50; 1 oil-can, .50;—total, \$2,088.20.

This is a Hunneman machine. Apparatus in good condition.

SUMMARY OF FIRE DEPARTMENT.

IN PRECINCT.

Engineers,	6
Steamer members,	12
Hose members,	36
Hook and Ladder members,	20
	— 74

WITHOUT PRECINCT.

Members at Fisherville,	50
Members at East Concord,	30
Members at West Concord,	30
Engineers,	3
	— 113
	<hr/> 187

SCHEDULE OF CITY PROPERTY—FIRE DEPARTMENT.

Engine house and lot,	\$34,000.00
Boiler and heating apparatus,	1,000.00
Property at Central station,	146.50
Hose,	5,500.00
Engineer's department,	217.00
Steamer Gov. Hill,	1,500.00
Steamer Kearsarge,	3,874.50
Eagle Hose, No. 1,	1,145.50
Alert Hose, No. 2, house and furniture,	3,439.50
Good Will Hose, No. 3, house and furniture,	3,938.90
Hook and Ladder, No. 1,	2,075.00
Pioneer, No. 1, Fisherville, including house,	2,950.00
500 ft. 2-in. hose, at Amsden's mills, Fisherville,	450.00
150 ft. 2-in. hose, at Brown's mills, Fisherville,	150.00
Old Fort, No. 2, East Concord, including house,	3,961.00
Cataract, No. 3, West Concord, including house,	2,500.00
Miscellaneous property, not in use,	363.00
	<hr/>
Total,	\$67,210.90

PUBLIC RESERVOIRS.*

	Capacity—Cubic feet.	Value.
1. Main street, near Abbot Downing Co.'s,	1,000	\$300
2. " near Harvey, Morgan & Co.'s,	1,000	300
3. " corner of Pleasant street,	†1,500	450
4. " middle front state house yard,	†1,500	450
5. " rear of city hall,	2,000	300
6. State street, corner of Washington street,	500	200
7. " opposite Winter street,	500	100
8. " in high school yard,	3,000	700
9. " corner of Pleasant street,	1,000	300
10. " near Geo. H. Emery's,	1,000	300
11. " corner of West street,	800	100
12. South Street, corner of Cross street,	800	200
13. " near A. Downing's,	1,000	300
14. Thompson street, near Geo. W. Crockett's,	1,100	300
15. Rumford street, near Josiah Minot's,	1,000	300
16. Orchard street, corner of Pine street,	4,000	500
17. School street, near J. V. Barron's,	3,500	500
18. Centre street, corner of Union street,	1,100	300
19. Gas-holder, rear of Main street,	44,000	
20. †School street: well in front of N. White's.		
21. Main street, near Thorndike street,	1,500	555
22. Franklin street, near Henry street,	1,500	550
23. Iron pipe to state house reservoir, and to gas-holder tank,		900
Total,		<u>\$7,905</u>

*Omitted this year from the estimated value of property in hands of fire department.

†Supplied from reservoir in Union District, high school yard.

FIRE - HYDRANTS.

STREETS.	LOCATIONS.	Number.	Total.
Main.	South-west corner Main and Penacook.....	1	
"	East side Main, near J. B. Walker's.....	1	
"	West side Main, opposite Church.....	1	
"	North-west corner Main and Franklin.....	1	
"	North-west corner Main and Washington.....	1	
"	East side Main, opposite Chapel.....	1	
"	North-west corner Main and Court.....	1	
"	East side Main, opposite Montgomery.....	1	
"	South-east corner Main and Free Bridge road.....	1	
"	South-west corner Main and Park.....	1	
"	North-west corner Main and Capitol.....	1	
"	North-west corner Main and School.....	1	
"	East side Main, opposite Merrimack block.....	1	
"	North-west corner Main and Warren.....	1	
"	South-east " Depot.....	1	
"	North-west " Pleasant.....	1	
"	North-east " Freight.....	1	
"	North-west " Fayette.....	1	
"	East side Main, opposite Thompson.....	1	
"	North-west corner Main and Cross.....	1	
"	North-west corner Main and Thorndike.....	1	
"	North-west corner Main and Perley.....	1	
"	East side of Main, opposite Abbot Downing Co.'s shop.....	1	
"	North-west corner Main and West.....	1	24
Turnpike.	West side Turnpike, opposite Gas.....	1	1
State.	North-west corner State and Penacook.....	1	
"	" " Walker.....	1	
"	" " Church.....	1	
"	" " Tremont.....	1	
"	North-east " Washington.....	1	
"	South-east " Downing.....	1	
"	North-east " West.....	1	
"	North-east " Turnpike.....	1	
"	West side State, opposite Court.....	1	
"	North-west corner State and Maple.....	1	
"	North-east corner State and Centre.....	1	
"	East side State, opposite state house.....	1	
"	South-west corner State and School.....	1	
"	North-west corner State and Warren.....	1	
"	North-west corner State and Pleasant.....	1	
"	East side State, opposite Wall.....	1	
"	North-west corner State and Thompson.....	1	
"	South-west corner State and Monroe.....	1	
"	East side State, opposite Laurel.....	1	19
Green.	East side Green, opposite Prince.....	1	1
South.	North-west corner South and Fulton.....	1	
"	West side South, opposite Monroe.....	1	
"	" " Laurel.....	1	
"	" " Downing.....	1	
"	West side South, opposite Wall.....	1	5
Spring.	South-west corner Spring and Oak.....	1	
"	West side Spring, opposite Cross.....	1	
"	West side Spring, opposite Perley proposed extension.....	1	3
Bradley.	East side Bradley, opposite Highland.....	1	1
Walnut.	North-east corner Walnut and Franklin.....	1	
"	West side Walnut, opposite Beacon.....	1	
"	North-west corner Walnut and Washington.....	1	3
Church.	North side Church, opposite Henry.....	1	1
Franklin.	North-west corner Franklin and Jackson.....	1	1
Centre.	North-west corner Centre and Rumford.....	1	
"	North-west corner Centre and Spring.....	1	2
Washington.	South-west corner Washington and Union.....	1	1
School.	North-west corner School and Spring.....	1	
"	" " School and Merrimack.....	1	2
Warren.	" " Warren and Rumford.....	1	
"	" " Warren and Green.....	1	

FIRE - HYDRANTS — CONTINUED.

STREETS.	LOCATIONS.	Number.	Total.
Warren.	North-west corner Warren and Spring	1	
"	North-west corner Warren and Tahanto	1	
"	South-east corner Warren and Liberty	1	
"	South-west corner Warren and Merrimack	1	
"	North side Warren, opposite Fruit	1	7
Dunklee.	North-west corner Dunklee, opposite West	1	1
Jackson.	North-west corner Jackson, opposite Beacon	1	1
Pleasant.	South side Pleasant, opposite Rumford	1	
"	North-west corner Pleasant and Green	1	
"	South side Pleasant, opposite Pine	1	
"	South side Pleasant, opposite Liberty	1	4
West.	North side West, near Mills	1	
"	North side West, opposite Dakin	1	2
Railroad.	North-west corner Railroad and Railroad square	1	1
Pine.	South-west corner Pine and Centre	1	1
Perley.	North-west corner Perley and Grove	1	1
Laurel.	North-east corner Laurel and Pierce	1	1
Thorndike.	North-east corner Thorndike and Grove	1	1
Cross.	South side Cross, opposite Jefferson	1	1
Fayette.	South side Fayette, opposite Elm	1	1
On main pipe.	East side State, at Fosterville	1	
"	West side State, at intersection of Walnut	1	
"	" near city farm buildings	1	
"	" near Mr. Kilburn's	1	
"	" near G. E. Holden's	1	5
"	Hill's avenue	1	1
Total			92
PRIVATE HYDRANTS.			
State prison yard		2	
Abbot Downing Co.'s yard		2	
Page Belting Co.'s yard		2	
W. P. Ford & Co.		1	
Total			7

REGULATIONS

FOR THE

CONCORD PRECINCT FIRE DEPARTMENT,

ADOPTED BY THE BOARD OF ENGINEERS, JANUARY, 1874.

ARTICLE 1. Any engine or hose company, running out a line of hose from a hydrant or steamer, shall be entitled to the pipe, although the hose of other companies may be attached in order to reach the fire; and any company coming to a fire, and finding an incomplete line of hose laid out from a hydrant or steamer, shall attach to and lengthen out such line, in lieu of laying a line of its own.

ART. 2. When two or more engine or hose companies are playing in a continuous line, the pipe shall belong to the company attaching to the hydrant or steamer, as provided in the foregoing article; but any company furnishing the *entire* line, and receiving water from a steamer, the pipe shall belong to such company so receiving.

ART. 3. Each engine and hose company shall have equal claim to the hydrants; but it is enjoined upon the engine companies to draught their own water from a reservoir, wherever a suitable one can be found within a reasonable distance.

ART. 4. No company shall take possession of a hydrant or reservoir, unless their hose and apparatus for attaching to the same are at hand and ready for use. The company which shall be thus ready shall be entitled to such hydrant or reservoir; but, upon the order of an engineer, another company may attach a second line of hose from such hydrant or steamer, in case the same may be necessary,—such company having first laid its hose, and being ready to attach the same.

ART. 5. In proceeding to, working at, or returning from fires, noisy demonstrations are strictly prohibited, and it is required

of officers of companies to maintain perfect order and decorum in their respective commands during all such service.

ART. 6. No company, while returning from a fire, will be allowed to proceed faster than a walk, and at all times to keep on the right of the street. Drivers are strictly enjoined, in proceeding to a fire, to use the utmost care and caution consistent with promptness. Racing between companies is forbidden, under any circumstances. Any collision or casualty occurring to horses or apparatus will be considered a sufficient cause for the suspension of the driver in charge at the time.

ART. 7. The bells will at first ring a general fire alarm; and, when the locality of the fire is known, the number of the ward will be struck, and repeated for the space of at least ten minutes.

ART. 8. No member of any company shall leave the city without first informing his foreman; no foreman or assistant engineer, without first notifying the chief engineer,—in each case the party so leaving providing a substitute.

ART. 9. In case of fire, the foreman first arriving shall be in command until the arrival of an engineer.

ART. 10. Any order issued by the chief, or an assistant engineer, shall be promptly obeyed.

WATERING THE STREETS.

The following account of the receipts and expenditures for watering the streets, during the year 1877, is inserted in this report for the information of those who are interested :

RECEIPTS.

From persons on the east side of Main street.

Dr. G. P. Conn,	\$10	J. H. Morrill,	\$5
J. M. Smith,	2	Eagle Hotel,	10
O. V. Pitman,	3	C. J. Dow,	2
Onslow Stearns,	10	E. C. Eastman,	2
J. B. Hook,	1	Jane L. Crawford,	3
Wm. Johnson & Co.,	2	Humphrey, Dodge & Co.,	7
Savage Bros.,	5	W. G. Shaw,	5
Daniel Scannell,	2	D. E. & C. W. Clarke,	5
C. Thorn & Son,	3	Robinson & Chase,	2
E. E. Fisher,	2	J. T. Sleeper,	4
J. D. Johnson,	1	Perkins & Ballard,	2
G. W. Wadleigh,	1	Dr. J. W. Little,	1
W. C. Elkins & Co.,	3	John Jackman,	1
W. H. Pitman,	5	W. H. Corning,	1
J. E. Clifford,	5	Upton & Upham,	1
Elijah Knight,	5	R. O. Wright,	2
James Moore & Son,	5	Eagle Book-Store,	2
B. E. Badger,	2	M. M. Stearns,	1
W. B. Stearns,	5	M. B. Critchett,	5
H. H. Aldrich,	5	Mrs. M. M. Smith,	4
C. C. Webster & Co.,	5	T. W. & J. H. Stewart,	5
W. P. Underhill & Co.,	5	S. & S. C. Eastman,	2
N. H. Savings Bank,	5	R. P. Staniels,	2

East side of Main street—continued.

Henry Churchill,	\$5.00	G. W. Weeks,	\$5.00
Dr. E. Morrill,	2.00	Concord Savings Bank,	5.00
Woodward & White,	5.00	Barrett & Bresnahan,	1.00
A. T. Sanger & Co.,	5.00	Corser & Brown,	2.00
Dr. C. N. Towle,	2.00	Eastman & Fitch,	3.00
L. D. Stevens,	2.00	Rep. Press Association,	5.00
F. B. Underhill,	5.00	J. E. Pecker,	2.00
H. Strauss,	5.00	Norman G. Carr,	3.00
J. Y. Mugridge,	2.00	Mrs. T. H. Brown,	1.00
S. G. Lane,	2.00	John T. Batchelder,	5.00
Ham Rand,	1.00	R. C. Danforth,	5.00
Shattuck & Emerson,	5.00	Carter Bros.,	5.00
Vogler Bros.,	3.00	Flanders & Emmons,	5.00
Stanley & Ayer,	5.00	Elm House,	2.50
W. U. Telegraph Co.,	3.00	Charles Moore,	2.00
Phenix Hotel,	10.00	Dr. S. C. Morrill,	2.00
Gust Walker,	5.00	Farley Bros.,	2.00
Dr. J. H. Gallinger,	2.00	James R. Hill,	7.00
Cummings & Young,	3.00	L. A. Smith,	5.00
Woodworth Bros.,	5.00	J. E. Dwight,	3.00
A. W. Gale,	3.00	Ford & Kimball,	3.00
Page & Donovan,	2.00		
			<hr/>
			\$321.50

West side of Main street.

Asa Fowler,	\$5.00	James H. Chase,	\$4.00
Mrs. J. S. Abbot,	5.00	Morrill & Silsby,	5.00
Frank Evans,	4.00	G. H. Adams,	3.50
J. S. Norris,	2.00	D. E. Howard,	2.00
J. S. Norris & Son,	5.00	C. E. Twombly,	5.00
Cummings Bros.,	3.00	L. H. Carroll,	5.00
W. J. Fernald,	2.00	H. B. Foster,	3.00
J. Frank Hoit & Co.,	5.00	State Capital Bank,	5.00
Perkins & Dudley,	3.00	W. K. Day,	3.00
Joseph Welcome,	2.00	Frank Marden,	5.00
J. H. Morey,	2.00	Miss Maggie Flanders,	5.00
C. H. Martin & Co.,	5.00	Stevens & Dunclee,	6.00
John S. Hubbard,	2.00	First National Bank,	5.00
H. C. Sturtevant,	3.00	W. T. & H. F. Norris,	3.00
James Davis,	1.00	John H. Albin,	2.00

West side of Main street—continued.

S. F. Morrill & Co.,	\$5.00	E. N. Shepard,	\$5.00
Blanchard & Crapo,	5.00	Hammond & Ayer,	5.00
F. E. Ingalls,	5.00	Kidder & Belcher,	2.00
James R. Hill & Co.,	8.00	S. Cheney,	2.00
A. P. Sherburne,	2.00	E. C. Bailey,	5.00
Mrs. D. B. Jones,	5.00	Sanborn & Clark,	2.00
James Hazelton,	5.00	J. B. Sanborn,	5.00
J. B. Kimball to July,	3.00	John H. Hill,	1.00
Sargent & Chase,	3.00	J. E. Larkin,	5.00
Morrill & Danforth,	3.00	A. Knapp,	1.50
Harris & Co.,	3.00	Mrs. O'Brien,	2.00
Underhill & Kittredge,	3.00	S. Nutter,	2.00
D. L. Guernsey,	3.00	G. L. Hooper,	2.00
John S. Blanchard,	5.00	Edwin Swaine,	2.00
F. D. & C. F. Batchelder,	5.00		
			<hr/>
			\$215.00

Pleasant street.

Bushy & Bowser,	\$3.00	Kilburn & Glennon,	\$3.00
Chas. Crow,	2.00	L. N. Farley,	3.00
J. F. Cotton,	2.00		
			<hr/>
			\$13.00

Warren street.

Beede & Riney,	\$2.00	C. T. Huntoon,	\$3.00
J. L. Pickering,	2.00	J. E. McShane,	1.00
C. W. Allen,	1.00	Ordway & Ferrin,	2.00
J. A. Dadmun,	1.00	John Kimball,	5.00
Albert Foster,	1.00		
			<hr/>
			\$18.00

School street.

W. B. Durgin,	\$2.00	Knee & Nay,	\$1.00
James Hazelton,	2.00	Minot & Co.,	5.00
E. H. Woodman,	1.00	Mer. Co. Savings Bank,	2.00
S. Wardner,	1.00		
			<hr/>
			\$14.00

Capitol street.

Concord Gas Light Co.,	\$5.00	C. C. Pearson & Co.,	\$3.00
Geo. Goodhue,	2.00	Cheney & Co.,	15.00
Singer Manufg. Co.,	3.00		<u> </u>
			\$28.00

Park street.

Wm. Walker,	\$5.00	Mrs. A. L. Drew,	\$1.00
Dr. T. Haynes,	1.00	Mrs. Berry,	1.00
Mrs. N. G. Upham,	1.00	Wm. K. Norton,	2.00
Mr. Mattie Cilley,	1.00	E. L. Whitford,	3.00
E. A. Stockbridge,	2.00		<u> </u>
			\$17.00

State street.

Gust Walker,	\$5.00	Mrs. Joseph George,	\$2.00
			<u> </u>
			\$7.00

Whole amount collected, 1877, \$633.50

From which I have paid city treasury,	\$500.00	
In hands of collector,	133.50	
	<u> </u>	\$633.50

Less amount paid for collecting, &c.,	20.00	
	<u> </u>	\$613.50

Amount collected in 1873,	\$654.00
“ 1874,	608.00
“ 1875,	575.00
“ 1876,	581.50
“ 1877,	633.50

Respectfully submitted,

GEO. A. PILLSBURY,

Supt. Repairs of Highways and Bridges.

TRUST FUNDS.

WALKER SCHOOL FUND. This fund was a legacy of ABIAL WALKER. Will dated Jan. 3, 1855. "To the city of Concord aforesaid I give and bequeath one thousand dollars, in trust, to be added to the school fund of said city, the interest whereof to be divided in due proportion among all the districts in the city at the time the dividend takes place, to be paid over to said city in one year after my decease." The amount of this fund is \$1,000, and is invested in a note of that sum of the Concord City Precinct, due in 1895.

LYON LEGACY is from G. PARKER LYON. Will dated Jan. 23, 1865. "I give and bequeath to the city of Concord, in the county of Merrimack, in trust for the increase of the free public library of said city, the annual income thereof only to be annually expended in the purchase of books for said public library, the sum of one thousand dollars." One precinct note of \$1,000, interest 6 per cent., due 1896.

PIERCE LEGACY is from FRANKLIN PIERCE, ex-President of the United States. Will dated Jan. 22, 1868. "16th. To the city of Concord I give and bequeath, in trust for the 'Concord Public Library,' one thousand dollars, the interest of said sum to be expended annually in the purchase of books, and the principal to remain as a perpetual fund for the object indicated." One city bond of \$1,000, due 1885.

COUNTESS RUMFORD LEGACY is from the COUNTESS of RUMFORD. Will dated Nov. 10, 1852. "To the town of Concord aforesaid, in trust for the benefit of the Concord Female Charitable Society, an association in said town, two thousand dollars, to be applied to the charitable uses and purposes of said society, and under its direction. And in case the said town should be incapable of or decline said trust, then the same is given and to be paid over to any two persons whom the executor of my will may elect and name to administer said trust." Note, Isaac A. Hill, \$2,000, dated Jan. 27, 1877, secured by mortgage of real estate and surety.

OLD CEMETERY FUND. There has been invested of the proceeds of sales of lots \$700 in water-works bonds, bearing 6 per cent. interest. The income from this fund is devoted to the care of the old cemetery.

INDEX.

	PAGE
Appropriations for 1877	55
Available assets.....	57
County tax.....	8
City paupers.....	11
County paupers.....	13
Committee service.....	26
City officers.....	3
City treasurer's report.....	7
City property.....	54
City debt.....	55
Claims outstanding.....	57
City precinct debts and assets.....	57
City precinct appropriations.....	51
City farm report.....	75
Cemetery committee's report.....	98
City marshal's reports.....	109, 111
City physician's report.....	88
Cemeteries, Old and Blossom Hill.....	98
Chief engineer's report.....	113
Dog tax.....	28
Expenditures, detailed statement.....	11
Finance committee's report.....	10
Fire department	17, 113
Funded debt.....	55
Floating debt.....	57
Highways and bridges.....	34
Highway districts, reports.....	36
Incidentals and land damages.....	19
Librarian's report.....	103
Municipal regulations.....	2
Police and watch.....	25
Professional services.....	27

Printing and stationery.....	27
Public library.....	28
Precinct debts and assets.....	57, 58
Precinct fire department regulations.....	130
Physician's report.....	88
Poor, overseer of, report.....	82
Police justice.....	108
Precinct property.....	58
Public reservoirs.....	127
Report of trustees of public library.....	100
Receipts.....	7
Roads and bridges.....	23
Report of engineer of fire department.....	113
Report of committee on sewers.....	94
Report of Board of Health.....	91
State tax.....	9
Schools.....	30
School-house taxes.....	31
Special appropriations.....	31
Salaries.....	28
Sewers.....	52
Solicitor's report.....	107
Trust funds.....	136
Valuation table and taxes assessed.....	59
Water commissioners' report.....	61
Water-works, financial statement.....	72
Watering the streets.....	132

